

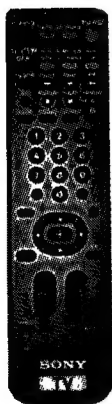
SERVICE MANUAL

AA-2D CHASSIS

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>
KV-32V26	RM-Y137A	US	SCC-K96B-A
KV-32V26	RM-Y137A	CND	SCC-K97A-A
KV-32V36	RM-Y137A	US	SCC-K96C-A
KV-32V36	RM-Y137A	CND	SCC-K97B-A
KV-34V36C	RM-Y137A	E	SCC-K98A-A
KV-35V36	RM-Y137A	US	SCC-K96G-A
KV-35V36	RM-Y137A	CND	SCC-K97F-A
KV-35V76	RM-Y137A	US	SCC-K96H-A
KV-37V36M	RM-Y137A	E	SCC-K98J-A

Note: Adjustment Manual for this model is published separately

	Adjustment Manual
Part No.	9-965-829-01



RM-Y137A



KV-32V36



KV-35V76



996582701

TRINITRON® COLOR TV
SONY®

SPECIFICATIONS

For all models:

Television system	American TV standard		
Channel coverage	VHF	:	2-13
	UHF	:	14-69
	CATV	:	1-125
Antenna	75-ohm external antenna terminal for VHF / UHF		
Picture tube	Hi-Black Trinitron® tube		

For specific models:

	KV-32V26	KV-32V36	KV-34V36C	KV-35V36	KV-35V76	KV-37V36M
Screen Size (measured diagonally)	32 inch	32 inch	32 inch	35 inch	35 inch	35 inch
Power requirements	120V, 60Hz	120V, 60Hz	220V, 50/60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
Number of inputs/outputs						
Video ⁽¹⁾	3	3	3	3	3	3
S video ⁽²⁾	1	2	2	2	2	2
Audio ⁽³⁾	3	3	3	3	3	3
Audio out ⁽⁴⁾	1	1	1	1	1	1
Monitor out ⁽¹⁾	1	1	1	1	1	1
TV out ⁽¹⁾	-	1	1	1	1	1
S-Link	●	●	●	●	●	●
Speaker output (W)	5W x 2	10W x 2	10W x 2	5W x 2	10W x 2	5W x 2
Power consumption (W) When in use (Max.) In Standby	190W 13W	210W, 2.75A 13W	210W 13W	215W, 2.80A 13W	225W, 2.90A 13W	215W, 2.80A 13W
Dimensions (W/H/D) (mm)	821 x 675.3 x 587 mm	821 x 675.3 x 587 mm	821 x 675.3 x 587 mm	920 x 730.8 x 641.8 mm	920 x 1207 x 713 mm	920 x 730.8 x 641.8 mm
(in.)	33 ¹ / ₂ x 27 ⁵ / ₈ x 24 in.	33 ¹ / ₂ x 27 ⁵ / ₈ x 24 in.	33 ¹ / ₂ x 27 ⁵ / ₈ x 24 in.	37 ⁵ / ₈ x 29 ⁷ / ₈ x 26 ¹ / ₈ in	37 ⁵ / ₈ x 49 ³ / ₈ x 28 ¹ / ₈ in	37 ⁵ / ₈ x 29 ⁷ / ₈ x 26 ¹ / ₈ in
Mass (kg) (lb)	70 kg 154 lbs 6oz	70 kg 154 lbs 6oz	70 kg 154 lbs 6oz	90 kg 198 lbs 7oz	130 kg 279 lbs 6oz	90 kg 198 lbs 7oz
Supplied accessories Remote commander (w/ 2 size AA (R6) batteries)	RM-Y137A	RM-Y137A	RM-Y137A	RM-Y137A	RM-Y137A	RM-Y137A

⁽¹⁾ 1 Vp-p, 75 ohms unbalanced, sync negative⁽²⁾ Y: 1 Vp-p, 75 ohms unbalanced, sync negative C: 0.286 Vp-p (Burst signal), 75 ohms⁽³⁾ 500 mVrms (100% modulation); Impedance: 47 kilohms⁽⁴⁾ More than 408 mVrms at the maximum volume setting (variable)

More than 408mVrms (fix); Impedance: 5 kilohms

**** Design and specifications are subject to change without notice.****Optional accessories**

Connecting cables VMC-810S/820S, VMC-720M,
YC-15V/30V, RK-74A
TV Stand SU-32A (KV-32V26/32V36/34V36C only)
TV Stand SU-35A (KV-35V36/37V36M)
U/V mixer EAC-66

(●)® SRS (SOUND RETRIEVAL SYSTEM)

The (●) SRS (SOUND RETRIEVAL SYSTEM) is manufactured by Sony Corporation under license from SRS Labs, Inc. It is covered by U.S. Patent No. 4,748,669. Other U.S. and foreign patents pending.

The word "SRS" and the SRS symbol (●) are registered trademarks of SRS Labs, Inc.

SAFETY CHECK-OUT (US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampere). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

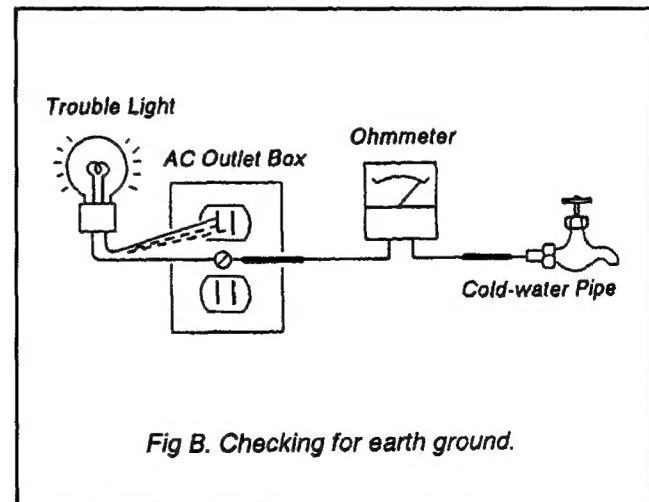
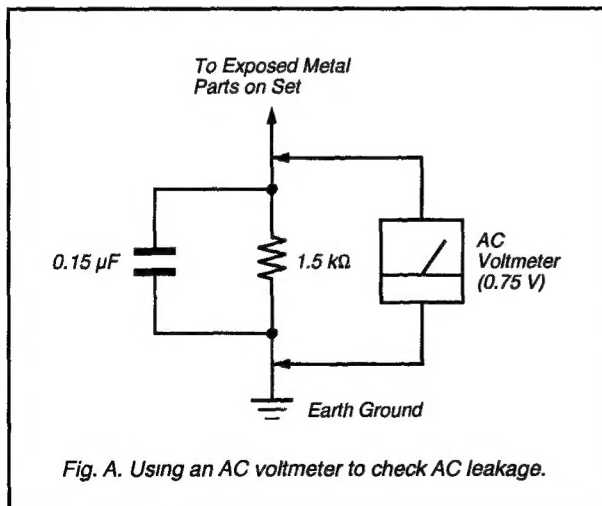


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CAUTION!

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

ATTENTION!!

AFIN D'EVITER TOUT RESQUE D'ELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE Δ SUR LES SCHEMAS DE PRINCIPE, LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMERO DE PIECE EST INDIQUE DANS LE PRESENT MANUEL OU DANS DES SUPPLEMENTS PUBLIES PAR SONY. LES REGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRESENT MANUEL. SUIVRE CES PROCEDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT SUSPECTE.

Connecting a VCR and TV with a cable box

- 1 Connect the single (input) jack of the Splitter to your incoming cable connection, and connect the other two (output) jacks (using coaxial cable) to IN on your cable box and VHF/UHF on your TV.
- 2 Using a coaxial connector, connect OUT on your cable box to IN on your VCR.
- 3 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV (Yellow-VIDEO, White-AUDIO Left, Red-AUDIO Right).

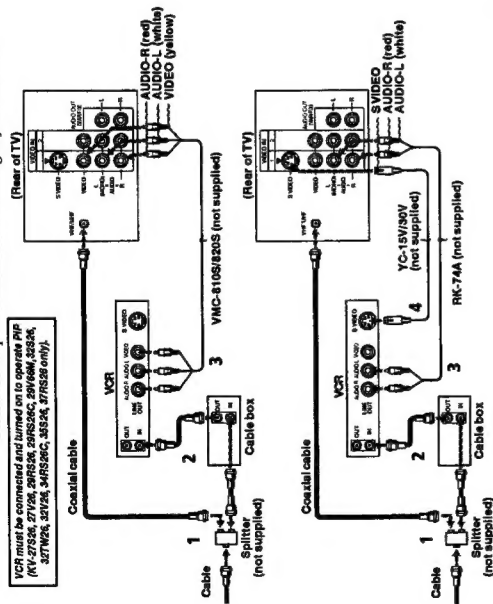
Connecting to an S Video equipped (for optimum picture quality)

- 1-2 Perform as described above.
- 3 Using AUDIO connectors, connect AUDIO OUT on your VCR to AUDIO IN on your TV (White-AUDIO Left, Red-AUDIO Right).
- 4 Using an S VIDEO connector, connect S VIDEO OUT on your VCR to S VIDEO IN on your TV.

Note:

- To view scrambled channels through your cable box, select VIDEO 1 by pressing TV/VIDEO on the remote control.

Disconnect all power sources before making any connections



5

Connecting an audio system

For greater viewing pleasure, integrate your home stereo into the system.

- 1 Using AUDIO connectors, connect AUDIO OUT on your TV to one of the unused Line inputs (e.g. Tape-2, etc.) on your stereo (White-AUDIO Left, Red-AUDIO Right).
- 2 Set your stereo to the chosen Line input and refer to page 20 of this manual for additional audio setup instructions.

Connecting an AV receiver

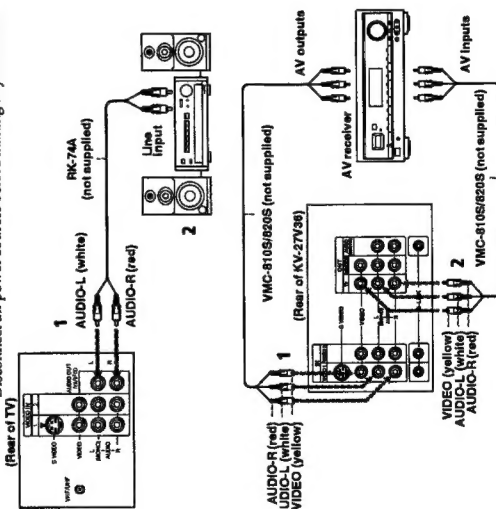
- KV-27V26, 29V36C, 29V76M, 32V36, 34V36C, 35V36, 35V76, 37V36M only

For greater viewing pleasure, connect your AV receiver

- 1 Using AUDIO/VIDEO connectors, connect VIDEO 1 IN on your TV to Monitor AUDIO and VIDEO OUT on your AV receiver.
- 2 Using AUDIO/VIDEO connectors, connect TV OUT on your TV to TV AUDIO and VIDEO IN on your AV receiver.

You may want to use CHANNEL FIX to fix your TV's input to the AV receiver (VIDEO 1). See CHANNEL FIX, page 22.

Disconnect all power sources before making any connections



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Connecting and Installing the TV (continued)

Connecting a DBS (Direct Broadcast Satellite) receiver

- 1 Connect the cable from your satellite antenna to your DBS receiver.
- 2 Attach the coaxial connector from your cable or antenna to VHF/UHF on your TV.
- 3 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your TV.

Connecting a DBS (Direct Broadcast Satellite) receiver and a VCR

- 1 Connect the cable from your satellite antenna to your DBS receiver.
- 2 Attach the coaxial connector from your cable or antenna to VHF/UHF on your VCR.
- 3 Using a coaxial connector, connect VHF/UHF-OUT on your VCR to VHF/UHF on your TV.
- 4 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your VCR.
- 5 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

Note:

- To view input from the DBS or VCR, select VIDEO 1 by pressing TV/VIDEO on the remote control.

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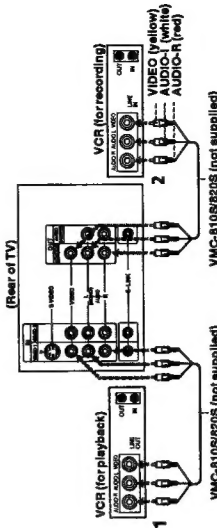
Connecting and Installing the TV (continued)

Disconnect all power sources before making any connections

Connecting two VCRs for tape editing using MONITOR OUT

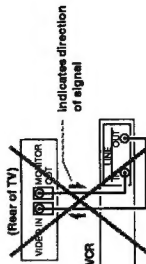
- KV-27V26, 27V36, 29V36C, 29V69M, 29V76M, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M only
- MONITOR OUT gives you the ability to use a second VCR to record a program being played by the primary VCR or to perform tape editing and dubbing.

- 1 Connect the VCR intended for playback using the setup instructions on page 4 of this manual.
- 2 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO IN on your VCR intended for recording to MONITOR AUDIO and VIDEO OUT on your TV.



Notes

- Do not change the input signal while editing through MONITOR OUT.
- When connecting a single VCR to the TV, if VCR LINE OUT is connected to TV VIDEO IN, do not connect the TV MONITOR OUT jacks to the VCR LINE INPUT (see right). Doing so will cause program interference and other viewing problems.

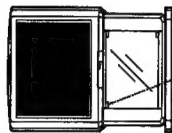


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Connecting and Installing the TV (continued)

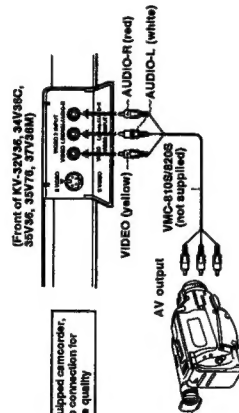
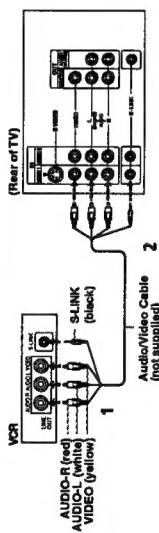
KV-32TW26 and KV-35V76 only

Follow these instructions to install the glass door and adjust the shelf



Parts List	
A Bottom hinge	1
B Top hinge	1
C Screw Set	4
D Plate pad	1
E Plate	1
F Metal pin	4

Disconnect all power sources before making any connections



If you have an S-Video equipped camcorder, you can use an S-Video connection for optimum picture quality

Using the S-Link function

- KV-27V26, 27V36, 29V36C, 29V66M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only

S-Link is a Sony innovation designed to make your Sony components work together. It allows you to automatically switch the TV input mode to video when you press PLAY on your Sony S-Link camcorder. It also allows you to turn the TV and TV off at the same time with the SYSTEM OFF button.

- Connect your VCR using the setup instructions on page 4 of this manual
- Using an S-Link connector, connect the S-LINK jacks on your VCR and TV. Ensure the S-LINK connector is in the same row as the AUDIO/VIDEO connectors

Connecting a camcorder

- KV-27V26, 27V36, 29V36C, 29V66M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only

This connection is convenient for viewing a picture directly from your camcorder

Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your camcorder to TV (Yellow-VIDEO, White-AUDIO Left, Red-AUDIO Right)

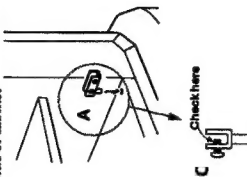
- Note: If you are connecting a monoaural camcorder, connect only the single audio output to the left input on your TV

Note

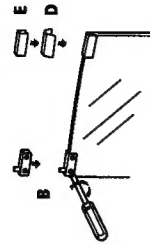
- Confirm that all parts are included before beginning assembly. If any parts are missing, contact your dealer

Installing the glass door

- Check that the projection of the screw through the bottom hinge A does not interfere with the proper installation of the hinge to the glass door, and then insert the hinge into the hole located at the bottom right side of cabinet



- Attach the top hinge B to the right side of the glass door, tighten the screws snugly, but do not overtighten. Attach the plate pad D to the left side and push the plate E over the plate pad



Basic Set up

Inserting batteries

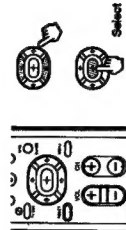
Insert two size AA (R6) batteries (supplied) by matching the + and - on the batteries to the diagram inside the battery compartment



Notes:

- Remove the batteries to avoid damage from possible battery leakage whenever you anticipate that the remote control will not be used for an extended period
- Handle the remote control with care. Avoid dropping it, getting it wet, or placing it in direct sunlight, near a heater, or where the humidity is high
- Your remote control can be programmed to operate most video equipment. See page 24

Using the remote control



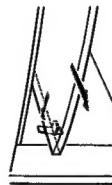
The supplied remote control has select buttons which allow for movement of the on-screen selector in four directions. Pressing on the edge of the select buttons will cause the selector to move in the selected direction. Pressing the center of the select buttons "Select" will activate the selected item

Adjusting sliders

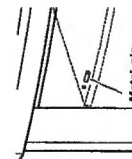
When menu items present a slider (— or —), use the select buttons (← or →) to adjust the setting

Adjusting the shelf

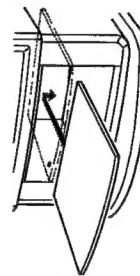
- Press the upper part of the temporary shelf supports and remove the shelf



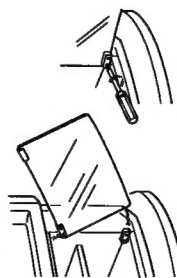
- Insert the metal pin shelf supports (2 each side)



- Insert the shelf, ensuring that the pin supports are seated in the grooves on the bottom side of the shelf



- Push the top glass door hinge into the top right bushing and gently slide the glass door into the bottom hinge. Adjust the glass door until level, and tighten the hinge screws



On Line Help/Instructions

Several menu windows will provide prompts and instructions to assist you in navigating through the different functions. When presented, use these to supplement the instructions in this manual

Using your New TV

Setting up the TV automatically

The EASY SETUP GUIDE feature will allow you to set the on-screen language and set all receivable channels. The EASY SETUP GUIDE screen will appear every time you turn on the TV until you perform AUTO PROGRAM.

The EASY SETUP GUIDE feature does not apply for installations that use a cable box for all channel selection.

To set up the TV manually, refer to "Using the SET UP menu" on page 22.

Tips

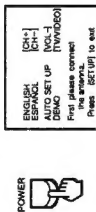
- Perform the function during the day, with the antenna and/or cable properly connected, to ensure that all available channels will be detected and receivable.
- After using EASY SETUP GUIDE, you will still have the option of changing any of the system settings, like receiving channels, through the SET UP menu (page 22).
- The TV must be set to TV input to use the AUTO PROGRAM. Press ANT until the channel number appears.
- If you wish, once the TV is connected to AUX, then press ANT until the TV input is selected and the channel number (KV-27V36, 27V36, 29V36C, 29V76M, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M) only.

Using the buttons on the front of the TV



For KV-27V36, 29V36C, 29V76M, 32V36, 34V36C, 35V36, 35V76 and 37V36M, the control buttons are located on the top of the TV.

- Press POWER to turn on the TV. The EASY SETUP GUIDE screen appears.



- (Except Canadian models) Press CHANNEL + to select English screens or CHANNEL - to select Spanish screens.



- Press VOLUME - to continue or TV/VIDEO for a DEMO of functions and menus.



"AUTO PROGRAM" appears and the TV starts scanning and presetting channels automatically. When all the receivable channels are stored, the lowest numbered channel is displayed. If the TV receives cable TV channels, CABLE is set ON automatically.

To perform AUTO SET UP again

- Press SET UP.
- Press CHANNEL + or CHANNEL - to select a language.
- Press VOLUME - to restore factory settings ("CONTINUE TO AUTO PROGRAM" will appear on the screen. Press CH+ to execute or CH- to exit).
- Press SET UP to exit.

Note

- When you perform AUTO PROGRAM, your CHANNEL FIX, TIMER, and CHANNEL BLOCK settings will be erased.

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Using your New TV (continued)

Watching the TV

All of the TV features can be accessed via the remote control. The following chart will explain the function of the buttons found on your remote control.



REFER TO THE ILLUSTRATION OF THE REMOTE CONTROL ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART.

TV (FUNCTION)	Activates the remote control for use with the TV
TV POWER	Turns the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO or ANT so that a channel number appears.
CH +/-	Use for direct channel selection. Press 0-9 to select a channel (for example, to select channel 10, press 1 and 0), the channel will change after 2 seconds, or you can press ENTER for immediate selection.
VOL +/-	Press to scan through the channels (+ up or - down).
JUMP	Press to alternate or jump back and forth between two channels. You can only jump between the last two channels that have been selected with the 0-9 keys.
MUTING	Press to mute the sound ("MUTING" will appear on the screen). Press again or press VOL + to restore sound.
FREEZE	Press to freeze the window picture while in PIP mode. If you are not in PIP mode, pressing FREEZE will cause the main picture to freeze into a window picture. Great for copying down phone numbers, addresses, recipes, etc.

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Using your New TV (continued)

Watching two programs at one time — PIP

The Picture-in-Picture (PIP) feature allows you to view two channels simultaneously, one in the full size "main" picture and one in a smaller "window" picture. This means that two separate tuners must be available to provide the two signals.

Certain models (KV-27V36, 27V36, 29V36C, 29V76M, 29V76C, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M) only are equipped with a single tuner. This simply means that a VCR must be connected and turned on for PIP to operate.

Tip

To ensure correct single tuner PIP connection (KV-27V36, 27V36, 29V36C, 29V76M, 29V76C, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M only), make sure the following listed sample connections are complete before using PIP.

- A cable or antenna is connected to the VCR.
- The VCR is connected to your TV.
- The VCR is turned on.

(for detailed connection information, see page 3-5)

Note:

- You must press TV (FUNCTION) before you can control PIP with the yellow labeled buttons.

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CAPTION VISION	Some programs are broadcast with Caption Vision. To display Caption Vision, select CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, or TEXT4 from the menu, then press DISPLAY until Caption Vision is displayed.
CC1, CC2, CC3, or CC4 shows you a caption, that is, a printed version of the dialogue or sound effects of a program. (The mode should be set to CC1 for most programs.)	TEXT1, TEXT2, TEXT3, or TEXT4 shows you text, that is, information presented using either half or the whole screen. It is not usually related to the program.
Notes	<ul style="list-style-type: none"> Poor reception of TV programs can cause errors in Caption Vision and XDS. Captions may appear with a white box or other errors instead of intended text. XDS, Caption Vision, and the status display cannot be used at the same time.

SLEEP	Press repeatedly until the TV displays the approximate time in minutes (60, 80, or 90) that you want the TV to remain on before shutting off automatically. Cancel by pressing until "SLEEP OFF" appears.
DISPLAY	Press repeatedly to step through available displays: Status, Channel number, current time, channel caption (if set), and MTS mode (if SAP is selected) are displayed. SAP indication disappears after three seconds. XDS (Extended Data Service) shows a network name, program name, program type, program length, call letters, and time of the show if the broadcaster offers this service. Caption Vision will be displayed on the screen if the broadcaster offers this service (see right). To cancel the display, press DISPLAY repeatedly until "DISPLAY OFF" appears. "DISPLAY OFF" disappears after three seconds.
TV/VIDEO	Press repeatedly to step through available video inputs: TV, Video 1 and Video 2 (KV-27V36, 27V36, 29V36C, 29V76M, 29V76C, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M only). TV, Video 1, Video 2 and Video 3 (KV-27V36, 27V36, 29V36C, 29V76M, 29V76C, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M only).
ANT	Press to change the VHF/UHF input to the AUX input (KV-27V36, 27V36, 29V36C, 29V76M, 29V76C, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M only). For detailed connection information, see "Cable box and cable" or "Cable and antenna" on page 3.
SYSTEM OFF	KV-27V36, 27V36, 29V36C, 29V76M, 29V76C, 32V36, 32V36C, 34V36C, 35V36, 35V76, 37V36M only. Press to turn off the TV and all other equipment connected with S-Link and return the TV input to either antenna or AUX, whichever was last used.
MTS/GUIDE	Press this button to cycle through the Multi-channel TV Sound (MTS) options (page 20).

Use the Yellow Labeled Buttons for PIP Operations

TV/VTR + CH - CH	Press to change the TV channel in the window picture (+ to increase the channel number and - to decrease). For models KV-27S26, 27V26, 28RS26C, 29V66M, 32S26, 32TW26, 34RS26C, 35S26, and 37RS26, if you are watching the video input in the window picture, you must press VTR (FUNCTION), then use the main CH +/- buttons to change channels.
POSITION	Press to move the location of the window picture (counterclockwise) around the main picture.
FREEZE	Press to freeze the window picture. Great for copying down phone numbers, addresses, receipts, etc. If a window picture is displayed, then it will be frozen. If only the main picture is displayed, then it will be frozen and displayed as a window picture. Press FREEZE again to restore the previous screen(s).
SWAP	Press to switch the audio and video of the main picture and the window picture. Each time you press SWAP, the picture and sound of the two will be SWAPPED. The channels being received through the AUX jack cannot be displayed as a window picture (KV-27S36, 27V36, 29V26C, 29V76M, 32S36, 32V36, 34V36C, 35S36, 35V36, 37RS26, 37V36M only).

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Adjusting your SET UP (menus)

Learning menu selection

Use the MENU button to access a menu and use the Select buttons to alter settings. Use the following example to learn how to modify settings.

- 1 Press the MENU button. The main menu appears.



- 2 Press the select buttons (up or down) to highlight the desired menu and press (right) to activate it.



- 3 Press the select buttons (left or right) to select the desired option.



- 4 Press (right) Options for your selection will be displayed.



When you are done with changes to the selected menu, choose MENU to return to the main menu. Once you have completed all menu corrections, press MENU on the remote control to exit the menu screens.

Note

- Pressing MENU on the remote control will allow you to exit from the menus.

- 5 Make your selection and press (right) to activate it. The previous screen will reappear.



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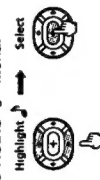
Adjusting your SET UP (menus) (continued)

Using the AUDIO menu



For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18.

To display the AUDIO menu:



To restore the factory settings
Press RESET on the remote control while the AUDIO menu is displayed.

Tip
Press (right) for direct selection of an EFFECT setting.

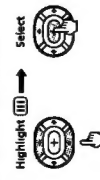
20

Using the VIDEO menu



For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18.

To display the VIDEO menu:



To restore the factory settings
Press RESET on the remote control while the VIDEO menu is displayed.

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TREBLE Sound Adjustment	Adjust slider left (cursor down) to decrease higher pitched sounds. Adjust slider right (cursor up) to increase higher pitched sounds.
BASS Sound Adjustment	Adjust slider left (cursor down) to decrease low pitched sounds. Adjust slider right (cursor up) to increase low pitched sounds.
BALANCE Sound Adjustment	Adjust slider left (cursor down) to emphasize left speaker volume. Adjust slider right (cursor up) to emphasize right speaker volume.
EFFECT Customize sound effect based on the program's audio type.	SURROUND Simulates theater quality sound (only for stereo programs). (KV-27S36, 27V36, 28RS26, 29RS26C, 32S26, 32TW26, 34RS26C, 35S26, 37RS26 only) SRS Produces a dynamic three dimensional sound for stereo or encoded audio signals. (KV-27V26, 27V36, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only) SIMULATED Adds a surround-like effect to mono programs. (KV-27V26, 27V36, 28RS26, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only)
MTS Enjoy stereo, bilingual and mono programs.	STEREO Select for stereo reception when viewing a program broadcast in stereo. SAP Select to listen to bilingual broadcast (non-SAP programs will be muted when this feature is selected). MONO Select for mono reception. (Use to reduce noise during stereo broadcasts). Quick MTS access Press MTS on your remote to cycle through the MTS options as follows: (STEREO * SAP * MONO * STEREO)
SPEAKER Custom selection of audio output source	ON Select to listen to the sound from the TV speakers and a separate stereo system. OFF Select to turn off the TV speakers and listen to the TV's sound only through external audio system speakers.
AUDIO OUT Cable control of volume adjustment.	AUDIO OUT can only be set when speakers are set to OFF. VARIABLE Sound output varies according to the TV settings. Volume, Bass, Treble, and Balance are adjusted through the TV. Useful when you want to use your own speakers. FIXED Sound output is held at a fixed level. Volume, Bass, Treble, and Balance are fixed to the factory settings. Volume adjustments are made through your stereo.

Adjusting your SET UP (menus) (continued)

Using the SET UP menu



CHANNEL SET UP

Basic set up options for viewing

With the CHANNEL SET UP window open

- 1 Use \star or \blacktriangle to select the feature you want to change
- 2 Press \rightarrow to access the feature
- 3 Press \rightarrow if your TV is connected to a cable system (AUTO SET UP will set CABLE to ON automatically when it programs the TV)

CHANNEL FIX Use this feature to set the TV's input to one of the following options.

- 2-6: Choose when the cable box is connected to the VHF/UHF input and you do not want to switch to AUX mode. Once the setting is made you will not be able to use the "TV function" CH+/- to change channels. Instead, use the "Cable function" CH+/-.
- AUX 2-6: Choose when a cable box is connected to AUX and a cable or antenna is connected to ANT. You can alternate between the two inputs by pressing ANT on the remote control (KV-27S36, 27V36, 29V36C, 29V78M, 32S36, 32V36, 34V36C, 35S36, 35V36, 35V76, 37V36M only).

VIDEO 1 Choose when you have connected video equipment (e.g. AV receiver) and you want TV input for it. You will only be able to select between video sources **TIMER** and **CHANNEL BLOCK** settings are erased when **CHANNEL FIX** is set **AUTO PROGRAM**. Instruct the TV to automatically program all receivable channels.

CHANNEL ERASE/ADD With the CHANNEL ERASE/ADD window open

- 1 Place the cursor next to ERASE or ADD
- 2 Select the desired channel using CH+/-, or by selecting with the 0-9 buttons and pressing ENTER
- 3 Press \rightarrow to activate

CHANNEL CAPTION With the CHANNEL CAPTION window open

- 1 Press \rightarrow and then \star or \blacktriangle on the select buttons to select the desired channel, and press \rightarrow again
- 2 Press \star or \blacktriangle on the select buttons to display the first letter or number of the caption and press \rightarrow to select it. (Repeat until all four digits are selected)
- 3 Press \rightarrow to activate. To erase a caption, press RESET

For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18

To select the SET UP menu:



If any menu items are "grayed out", press the ANT button on your remote so that a channel number appears

Favorite channel feature is not available for the AUX input

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Operating video equipment

Setting the manufacturer's code

You can use the supplied remote control to operate Sony or non-Sony video equipment that has an infrared sensor

- 1 Press CODE SET
- 2 Press VTR (FUNCTION)
- 3 Use the 0-9 buttons to key in the manufacturer's code number from the following chart
- 4 Press ENTER

VCR manufacturer code numbers

Manufacturer	Code
Aony	301, 302, 303
Asahi	338, 344
Admiral (M Wards)	314, 337
Audio Dynamic	330, 343
Bell & Howell (M Wards)	319, 317
Broksonic	309, 308
Canon	315, 302, 332
Cinara	304, 338, 309
Crown	315
Curtis Mathis	304, 338, 309

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CHANNEL BLOCK

You will be able to block two channels. With the CHANNEL BLOCK window open

- 1 Select 1 or 2 and press \rightarrow
- 2 Press \star or \blacktriangle on the select buttons to display the channel you want to block
- 3 Press \rightarrow to select the channel

When you select the blocked channel, "BLOCKED" will appear on the screen. Caption Vision, XDS, and output from the selected channel will also be blocked. To erase your CHANNEL BLOCK settings, press RESET while in the CHANNEL BLOCK window. When you perform AUTO PROGRAM, your CHANNEL BLOCK settings will be erased

Setting FAVORITE CHANNEL

With the FAVORITE CHANNEL window open

- 1 Press \rightarrow and then \star or \blacktriangle on the select buttons to select AUTO or MANUAL, and press \rightarrow again
- 2 Press \star or \blacktriangle on the select buttons to select the channel that you choose with the remote control (0-9 buttons to be selected)
- 3 Press \rightarrow to select the channel
- 4 For KV-27S36, 27V36, 29V36C, 29V78M, 32S36, 32V36, 34V36C, 35S36, 35V36, 35V76, 37V36M only, you can preview your favorite channels in the window picture, to do so, set PREVIEW DISPLAY to ON

Using FAVORITE CHANNEL

- 1 Press \rightarrow , and your FAVORITE CHANNEL options appear
- 2 Press \star or \blacktriangle to select the channel you want to watch, and press \rightarrow
- 3 For models KV-27S36, 27V36, 29V36C, 29V78M, 32S36, 32V36, 34V36C, 35S36, 35V36, 35V76, 37V36M only, if PREVIEW is turned on, then a window picture will display your favorite channels as you cycle through the options

The feature allows you to label each input mode so that you can easily identify the connected equipment (e.g. you can label VIDEO 1 IN as VHS)

- 1 Press \rightarrow to select the input mode you want to label and press \rightarrow
- 2 Press \star or \blacktriangle to select the label and press \rightarrow

VIDEO LABEL Options:

Video 1: VHS, 8mm, BETA, LD, GAME, DSB, DVD, WEB, RECEIVER

Video 2/3: VHS, 8mm, BETA, LD, GAME, DSB, DVD, WEB

(Except Canadian models)

Select from available languages to cause all menus to appear in your language of choice

Use this feature to correct any tilt of the picture KV-35S36, 35S36, 35V36, 35V76, 37S36, 37V36M only

Press \star or \blacktriangle on the select buttons to select a correction between +5 and -5 and press \rightarrow

Adjust your picture

Using the TIMER menu



DAYLIGHT SAVING

Automatically adjusts the time.

CURRENT TIME SET

Necessary for the TIMER

Spring Select YES to compensate for Daylight Saving Time

The current time automatically moves one hour ahead

Fail Select NO at the end of Daylight Saving Time

The current time moves back one hour

CURRENT TIME SET window will appear

- 1 Press \star or \blacktriangle on the select buttons until the current day (MON-SUN) is displayed. Press \rightarrow to select
- 2 Press \star or \blacktriangle on the select buttons until the current hour (01-12) and AMPM is displayed. Press \rightarrow to select
- 3 Press \star or \blacktriangle on the select buttons until the current minute (00-59) is displayed
- 4 Press \rightarrow

The clock has now started. Press MENU to exit

ON/OFF TIMER

ON/OFF TIMER window will appear

- 1 Press \star or \blacktriangle on the select buttons until the desired day (MON-SUN) or range of days (EVERY Sun-Sat or EVERY Mon-Fri) is displayed. Press \rightarrow to select
- 2 Indicate the time (hours then minutes) that you want the TV to turn on by pressing \star or \blacktriangle and then \rightarrow
- 3 Set the time duration (maximum of 6 hours) by pressing \star or \blacktriangle and then \rightarrow
- 4 Press \star or \blacktriangle on the select buttons to select the desired channel. Press \rightarrow to select

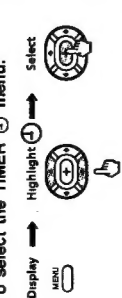
The timer is now set. The TIMER indicator on your TV will be lit. Press MENU to exit. When you perform AUTO PROGRAM, all TIMER settings will be erased

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After setting the clock you can use the timer to turn the TV on and off

For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18

To select the TIMER menu:



Tip

Set daylight saving time before setting the clock. Any loss of power will cause these settings to be erased

Pioneer 702, 709
 RCA 706
 Sharp 705
 Yamaha 703, 708

Tips

- In some cases, you may not be able to operate your Sony video equipment with the supplied remote control. In this case, please use the equipment's own remote control.
- The code numbers for Sony equipment are assigned at the factory as follows:

VHS VCR 301 (preset code for the supplied remote control)
 302
 8 mm VCR 302
 Beta, ED Beta VCRs 303

- When you remove the batteries, the code number may revert to the factory setting.

Operating a VCR		Buttons on the remote control
To turn on or off	Press VTR (POWER)	
To select a channel directly	Press the 0-9 buttons	
To change channels	Press CH +/-	
To record	Press ► while pressing First release ►, then release ●	
To play	Press ►	
To stop	Press ►	
To fast forward	Press ►►	
To rewind the tape	Press ◄◄	
To pause	Press II	
To resume normal playback, press again		
To search the picture forward or backward	Press ►► or ◄◄ during playback	
To resume normal playback, release the button		
To change input mode	Press TV/VTR	

Operating an MDP		Buttons on the remote control
To turn on or off	Press VTR (POWER)	
To play	Press the ►	
To stop	Press ■	
To pause	Press II	
To resume normal playback, press again		
To search the picture forward or backward	Press ►► or ◄◄ during playback	
To resume normal playback, release the button		
To search the chapter forward or backward	Press CH +/-	

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Troubleshooting

Troubleshooting

- Cannot Operate Single-Tuner PIP (KV-2732A, 27V26, 28V26, 28V26C, 28V26M, 28V26N, 28V26P, 28V26S, 28V26T, 28V26U, 28V26V, 28V26W, 28V26X, 28V26Y, 28V26Z, 28V26AA, 28V26AB, 28V26AC, 28V26AD, 28V26AE, 28V26AF, 28V26AG, 28V26AH, 28V26AI, 28V26AJ, 28V26AK, 28V26AL, 28V26AM, 28V26AN, 28V26AO, 28V26AP, 28V26AQ, 28V26AR, 28V26AS, 28V26AT, 28V26AU, 28V26AV, 28V26AW, 28V26AX, 28V26AY, 28V26AZ, 28V26BA, 28V26BB, 28V26BC, 28V26BD, 28V26BE, 28V26BF, 28V26BG, 28V26BH, 28V26BI, 28V26BJ, 28V26BK, 28V26BL, 28V26BM, 28V26BN, 28V26BO, 28V26BP, 28V26BQ, 28V26BR, 28V26BS, 28V26BT, 28V26BU, 28V26BV, 28V26BW, 28V26BX, 28V26BY, 28V26BZ, 28V26CA, 28V26CB, 28V26CC, 28V26CD, 28V26CE, 28V26CF, 28V26CG, 28V26CH, 28V26CI, 28V26CJ, 28V26CK, 28V26CL, 28V26CM, 28V26CN, 28V26CO, 28V26CP, 28V26CQ, 28V26CR, 28V26CS, 28V26CT, 28V26CU, 28V26CV, 28V26CW, 28V26CX, 28V26CY, 28V26CZ, 28V26DA, 28V26DB, 28V26DC, 28V26DD, 28V26DE, 28V26DF, 28V26DG, 28V26DH, 28V26DI, 28V26DJ, 28V26DK, 28V26DL, 28V26DM, 28V26DN, 28V26DO, 28V26DP, 28V26DQ, 28V26DR, 28V26DS, 28V26DT, 28V26DU, 28V26DV, 28V26DW, 28V26DX, 28V26DY, 28V26DZ, 28V26EA, 28V26EB, 28V26EC, 28V26ED, 28V26EE, 28V26EF, 28V26EG, 28V26EH, 28V26EI, 28V26EJ, 28V26EK, 28V26EL, 28V26EM, 28V26EN, 28V26EO, 28V26EP, 28V26EQ, 28V26ER, 28V26ES, 28V26ET, 28V26EU, 28V26EV, 28V26EW, 28V26EX, 28V26EY, 28V26EZ, 28V26FA, 28V26FB, 28V26FC, 28V26FD, 28V26FE, 28V26FF, 28V26FG, 28V26FH, 28V26FI, 28V26FJ, 28V26FK, 28V26FL, 28V26FM, 28V26FN, 28V26FO, 28V26FP, 28V26FQ, 28V26FR, 28V26FS, 28V26FT, 28V26FU, 28V26FV, 28V26FW, 28V26FX, 28V26FY, 28V26FZ, 28V26GA, 28V26GB, 28V26GC, 28V26GD, 28V26GE, 28V26GF, 28V26GG, 28V26GH, 28V26GI, 28V26GJ, 28V26GK, 28V26GL, 28V26GM, 28V26GN, 28V26GO, 28V26GP, 28V26GQ, 28V26GR, 28V26GS, 28V26GT, 28V26GU, 28V26GV, 28V26GW, 28V26GX, 28V26GY, 28V26GZ, 28V26HA, 28V26HB, 28V26HC, 28V26HD, 28V26HE, 28V26HF, 28V26HG, 28V26HH, 28V26HI, 28V26HJ, 28V26HK, 28V26HL, 28V26HM, 28V26HN, 28V26HO, 28V26HP, 28V26HQ, 28V26HR, 28V26HS, 28V26HT, 28V26HU, 28V26HV, 28V26HW, 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28V26YZ, 28V26ZA, 28V26ZB, 28V26ZC, 28V26ZD, 28V26ZE, 28V26ZF, 28V26ZG, 28V26ZH, 28V26ZI, 28V26ZJ, 28V26ZK, 28V26ZL, 28V26ZM, 28V26ZN, 28V26ZO, 28V26ZP, 28V26ZQ, 28V26ZR, 28V26ZS, 28V26ZT, 28V26ZU, 28V26ZV, 28V26ZW, 28V26ZX, 28V26ZY, 28V26ZZ**

Operating a cable box or DBS receiver

Programming the remote

You can program the supplied remote control to operate a cable box or DBS receiver.

- Press CODE SET
- Press DBS/CABLE (FUNCTION)
- Use the 0-9 buttons to key in the manufacturer's code number from the following chart
- Press ENTER

To operate the TV

Press TV (FUNCTION). Then use the TV control buttons to control the TV.

For more details on operating the cable box or DBS receiver

Refer to the operating instructions that come with the equipment.

Manufacturer code numbers (cable box)

Manufacturer	Code number
Hamlin/Kegal	222, 223, 224, 225, 226
Jerrold/G L	201, 202, 203, 204, 205, 206, 207, 208, 218
Oak	227, 228, 229
Panasonic	219, 220, 221
Pioneer	214, 215
Scientific Atlanta	209, 210, 211
Tocom	216, 217
Zenith	212, 213

Manufacturer code numbers (DBS receiver)

Manufacturer	Code number
Sony	801 (preset code for remote control)
General Electric	802
RCA/PROSCAN	802

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Troubleshooting (continued)

Cannot receive upper channels (UHF) when using an antenna

- Make sure CABLE is OFF in the SET UP menu (page 22)
- Use AUTO PROGRAM to add receivable channels that are not presently in TV memory (page 22)

Cannot receive any channels when using cable TV

- Make sure CABLE is ON in the SET UP menu (page 22)
- Use AUTO PROGRAM to add receivable channels that are not presently in TV memory (page 22)

Remote control does not operate

- Batteries could be weak. Replace the batteries.
- Press TV (FUNCTION) when operating your TV.
- Make sure the TV's power cord is connected securely to the wall outlet.
- Locate the TV at least 3-4 feet away from fluorescent lights.
- Check the S-Link connection (page 4,5)

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Poor or no picture (screen lit, good sound)

- Adjust PICTURE in the VIDEO menu (page 19)
- Adjust BRIGHTNESS in the VIDEO menu (page 19)
- Check antenna/cable connections
- Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)
- Remove objects from the front of TV
- Check the LIGHTSENSOR setting in the VIDEO menu (page 19)
- Good picture, no sound
- Press MUTE so that "MUTING" disappears from the screen (page 14)
- Check the MTS setting in the AUDIO menu (page 20)
- Make sure SPEAKER is set to ON in the AUDIO menu (page 20)
- Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)
- No color
- Adjust the COLOR in the VIDEO menu (page 19)

27

Cannot gain enough volume when using a cable box

- Increase the volume at the cable box
- Then press TV (FUNCTION) and adjust the TV's volume

TV is fixed to one channel

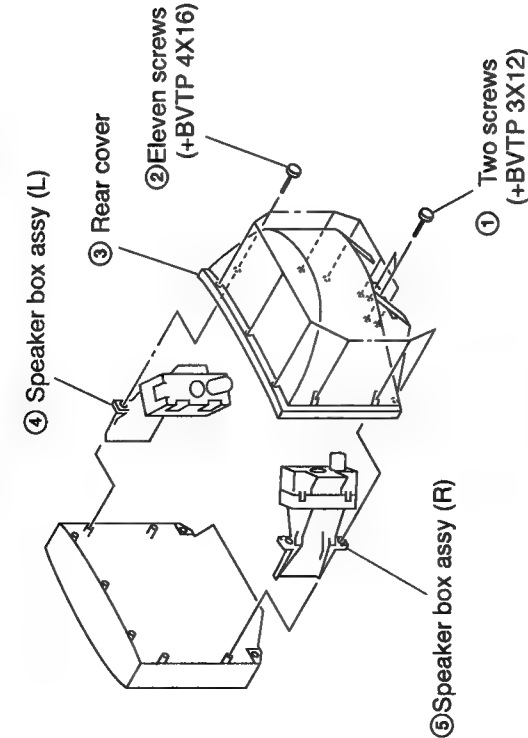
- Try turning CHANNEL FIX off (see page 22)
- Use AUTO PROGRAM to add receivable channels that are not presently in the TV memory (page 22)

- To reset the TV: First, turn the TV on. Then, while pressing the RESET key on the remote control, press the POWER key on the TV. The TV will turn itself off, then back on. When the TV turns on again, all settings will be reset, and the EASY SETUP GUIDE will appear.

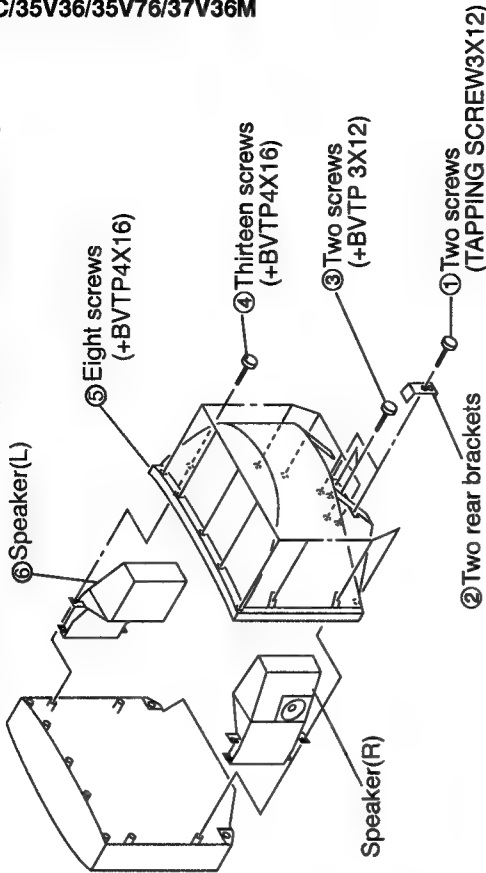
TV malfunctions when using the S-Link function (KV-27V26, 27V26, 28V26C, 28V26M, 28V26N, 28V26P, 28V26S, 28V26T, 28V26U, 28V26V, 28V26W, 28V26X, 28V26Y, 28V26Z, 28V26AA, 28V26AB, 28V26AC, 28V26AD, 28V26AE, 28V26AF, 28V26AG, 28V26AH, 28V26AI, 28V26AJ, 28V26AK, 28V26AL, 28V26AM, 28V26AN, 28V26AO, 28V26AP, 28V26AQ, 28V26AR, 28V26AS, 28V26AT, 28V26AU, 28V26AV, 28V26AW, 28V26AX, 28V26AY, 28V26AZ, 28V26BA, 28V26BB, 28V26BC, 28V26BD, 28V26BE, 28V26BF, 28V26BG, 28V26BH, 28V26BI, 28V26BJ, 28V26BK, 28V26BL, 28V26BM, 28V26BN, 28V26BO, 28V26BP, 28V26BQ, 28V26BR, 28V26BS, 28V26BT, 28V26BU, 28V26BV, 28V26BW, 28V26BX, 28V26BY, 28V26BZ, 28V26CA, 28V26CB, 28V26CC, 28V26CD, 28V26CE, 28V26CF, 28V26CG, 28V26CH, 28V26CI, 28V26CJ, 28V26CK, 28V26CL, 28V26CM, 28V26CN, 28V26CO, 28V26CP, 28V26CQ, 28V26CR, 28V26CS, 28V26CT, 28V26CU, 28V26CV, 28V26CW, 28V26CX, 28V26CY, 28V26CZ, 28V26DA, 28V26DB, 28V26DC, 28V26DD, 28V26DE, 28V26DF, 28V26DG, 28V26DH, 28V26DI, 28V26DJ, 28V26DK, 28V26DL, 28V26DM, 28V26DN, 28V26DO, 28V26DP, 28V26DQ, 28V26DR, 28V26DS, 28V26DT, 28V26DU, 28V26DV, 28V26DW, 28V26DX, 28V26DY, 28V26DZ, 28V26EA, 28V26EB, 28V26EC, 28V26ED, 28V26EE, 28V26EF, 28V26EG, 28V26EH, 28V26EI, 28V26EJ, 28V26EK, 28V26EL, 28V26EM, 28V26EN, 28V26EO, 28V26EP, 28V26EQ, 28V26ER, 28V26ES, 28V26ET, 28V26EU, 28V26EV, 28V26EW, 28V26EX, 28V26EY, 28V26EZ, 28V26FA, 28V26FB, 28V26FC, 28V26FD, 28V26FE, 28V26FF, 28V26FG, 28V26FH, 28V26FI, 28V26FJ, 28V26FK, 28V26FL, 28V26FM, 28V26FN, 28V26FO, 28V26FP, 28V26FQ, 28V26FR, 28V26FS, 28V26FT, 28V26FU, 28V26FV, 28V26FW, 28V26FX, 28V26FY, 28V26FZ, 28V26GA, 28V26GB, 28V26GC, 28V26GD, 28V26GE, 28V26GF, 28V26GG, 28V26GH, 28V26GI, 28V26GJ, 28V26GK, 28V26GL, 28V26GM, 28V26GN, 28V26GO, 28V26GP, 28V26GQ, 28V26GR, 28V26GS, 28V26GT, 28V26GU, 28V26GV, 28V26GW, 28V26GX, 28V26GY, 28V26GZ, 28V26HA, 28V26HB, 28V26HC, 28V26HD, 28V26HE, 28V26HF, 28V26HG, 28V26HH, 28V26HI, 28V26HJ, 28V26HK, 28V26HL, 28V26HM, 28V26HN, 28V26HO, 28V26HP, 28V26HQ, 28V26HR, 28V26HS, 28V26HT, 28V26HU, 28V26HV, 28V26HW, 28V26HX, 28V26HY, 28V26HZ, 28V26IA, 28V26IB, 28V26IC, 28V26ID, 28V26IE, 28V26IF, 28V26IG, 28V26IH, 28V26II, 28V26IJ, 28V26IK, 28V26IL, 28V26IM, 28V26IN, 28V26IO, 28V26IP, 28V26IQ, 28V26IR, 28V26IS, 28V26IT, 28V26IU, 28V26IV, 28V26IW, 28V26IX, 28V26IY, 28V26IZ, 28V26JA, 28V26JB, 28V26JC, 28V26JD, 28V26JE, 28V26JF, 28V26JG, 28V26JH, 28V26JI, 28V26JJ, 28V26JK, 28V26JL, 28V26JM, 28V26JN, 28V26JO, 28V26JP, 28V26JQ, 28V26JR, 28V26JS, 28V26JT, 28V26JU, 28V26JV, 28V26JW, 28V26JX, 28V26JY, 28V26JZ, 28V26KA, 28V26KB, 28V26KC, 28V26KD, 28V26KE, 28V26KF, 28V26KG, 28V26KH, 28V26KI, 28V26KJ, 28V26KK, 28V26KL, 28V26KM, 28V26KN, 28V26KO, 28V26KP, 28V26KQ, 28V26KR, 28V26KS, 28V26KT, 28V26KU, 28V26KV, 28V26KW, 28V26KX, 28V26KY, 28V26KZ, 28V26LA, 28V26LB, 28V26LC, 28V26LD, 28V26LE, 28V26LF, 28V26LG, 28V26LH, 28V26LI, 28V26LJ, 28V26LK, 28V26LL, 28V26LM, 28V26LN, 28V26LO, 28V26LP, 28V26LQ, 28V26LR, 28V26LS, 28V26LT, 28V26LU, 28V26LV, 28V26LW, 28V26LX, 28V26LY, 28V26LZ, 28V26MA, 28V26MB, 28V26MC, 28V26MD, 28V26ME, 28V26MF, 28V26MG, 28V26MH, 28V26MI, 28V26MJ, 28V26MK, 28V26ML, 28V26MM, 28V26MN, 28V26MO, 28V26MP, 28V26MQ, 28V26MR, 28V26MS, 28V26MT, 28V26MU, 28V26MV, 28V26MW, 28V26MX, 28V26MY, 28V26MZ, 28V26NA, 28V26NB, 28V26NC, 28V26ND, 28V26NE, 28V26NF, 28V26NG, 28V26NH, 28V26NI, 28V26NJ, 28V26NK, 28V26NL, 28V26NM, 28V26NN, 28V26NO, 28V26NP, 28V26NQ, 28V26NR, 28V26NS, 28V26NT, 28V26NU, 28V26NV, 28V26NW, 28V26NX, 28V26NY, 28V26NZ, 28V26OA, 28V26OB, 28V26OC, 28V26OD, 28V26OE, 28V26OF, 28V26OG, 28V26OH, 28V2

SECTION 2
DISASSEMBLY

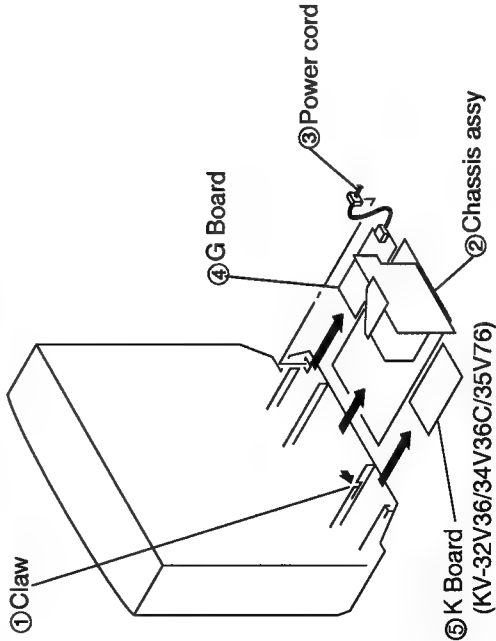
2-1-1. REAR COVER REMOVAL
(32V26/32V36/34V36C)



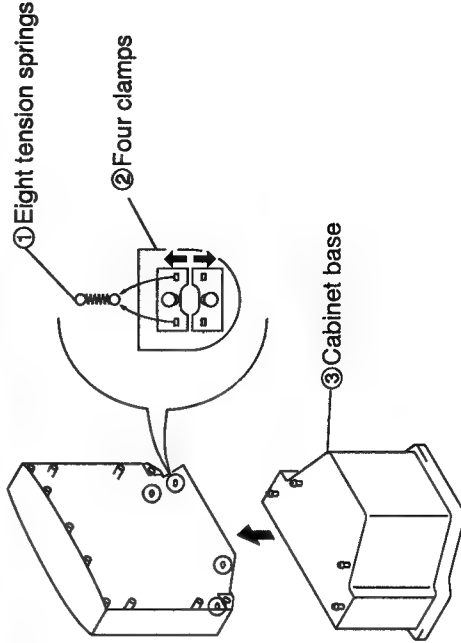
2-1-2. REAR COVER AND SPEAKER REMOVAL
(35V36/35V76/37V36M)



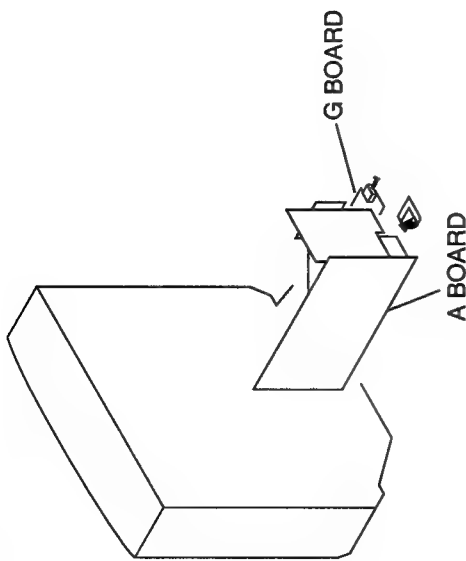
2-2. CHASSIS ASSY REMOVAL



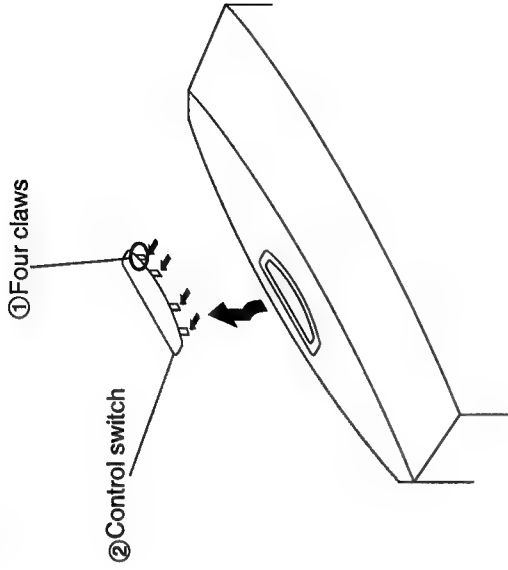
2-3. CABINET BASE REMOVAL (KV-35V76)



2-4. SERVICE POSITION



2-5. CONTROL SWITCH REMOVAL



• REMOVAL OF THE ANODE-CAP

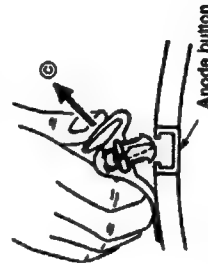
NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

• REMOVAL PROCEDURES



① Turn up one side of the rubber cap in the direction indicated by arrow ㉑.

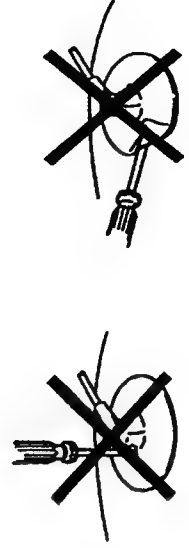
② Use your thumb to pull the rubber cap firmly in the direction indicated by arrow ㉒.



③ When one side of the rubber cap separates from the anode button, the anode-cap can be removed by turning the rubber cap and pulling it in the direction of arrow ㉓.

• HOW TO HANDLE AN ANODE-CAP

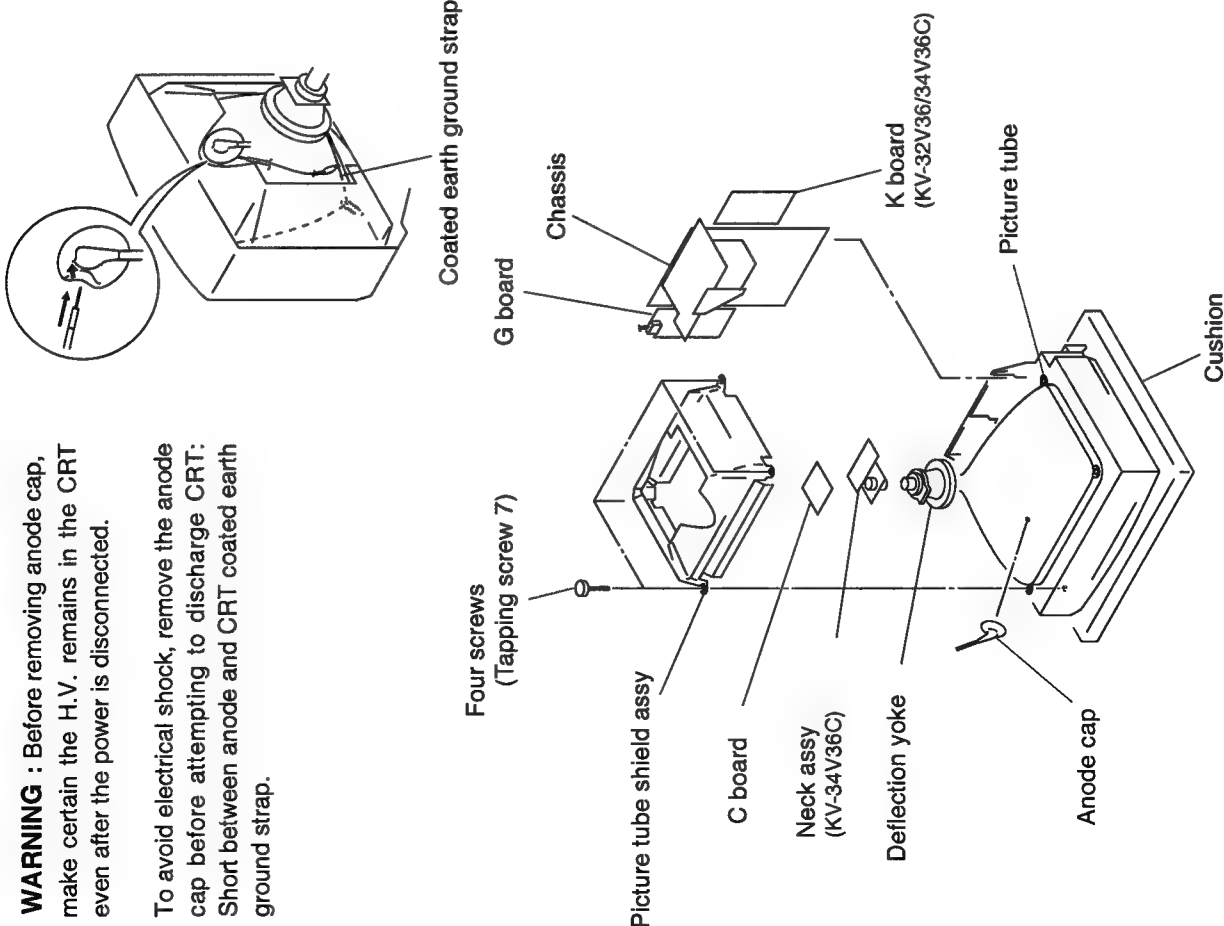
- ① Do not use sharp objects which may cause damage to the surface of the anode-cap.
- ② Do not squeeze the rubber covering too hard to avoid damaging the anode-cap. A material fitting called a shatter-hook terminal is built into the rubber.
- ③ Do not force turn the foot of the rubber cover. This may cause the shatter-hook terminal to protrude and damage the rubber.



2-6-1. PICTURE TUBE REMOVAL
(KV-32V26/32V36/34V36C)

WARNING : Before removing anode cap, make certain the H.V. remains in the CRT even after the power is disconnected.

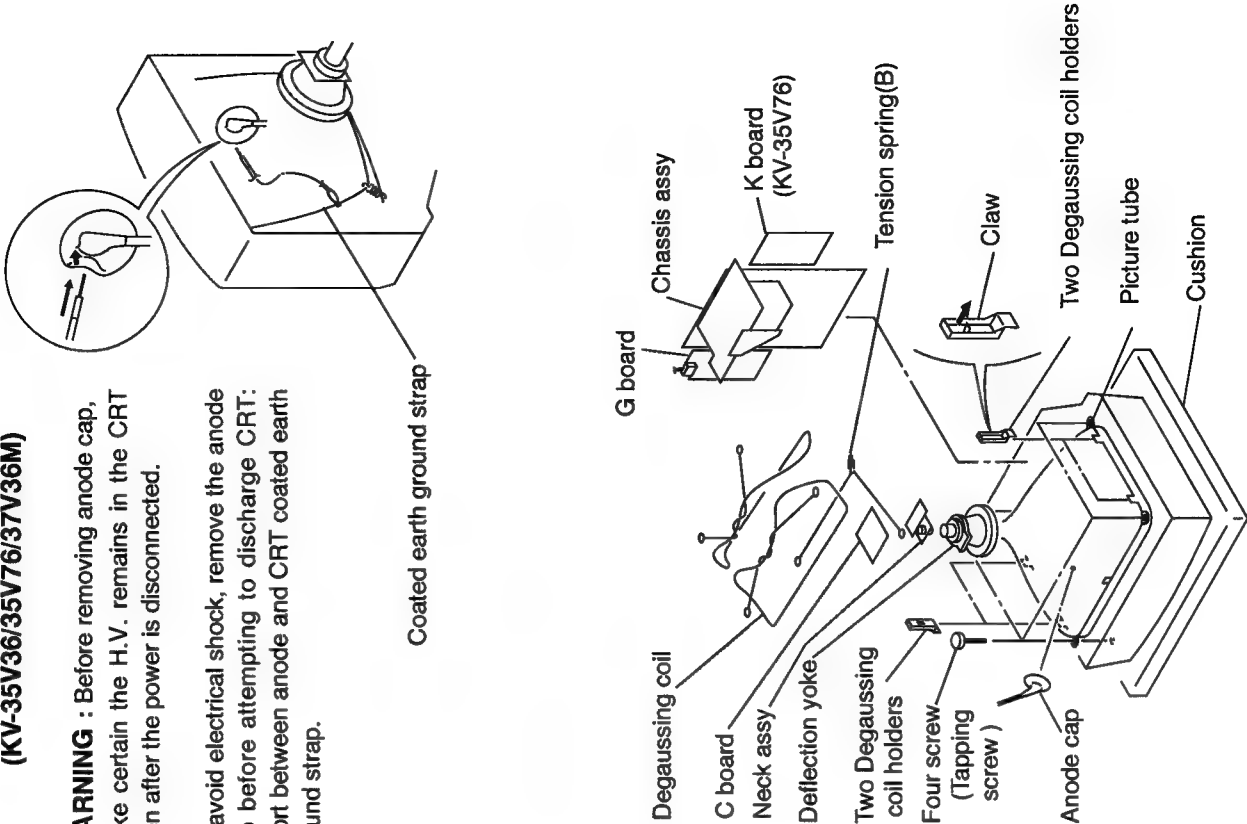
To avoid electrical shock, remove the anode cap before attempting to discharge CRT: Short between anode and CRT coated earth ground strap.






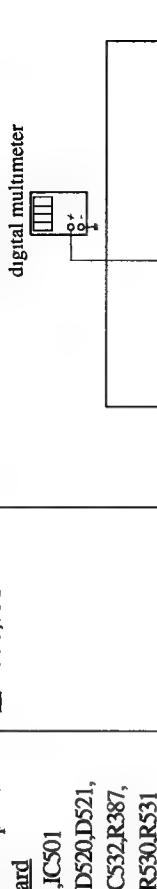
2-6-2. PICTURE TUBE REMOVAL
(KV-35V36/35V76/37V36M)


WARNING : Before removing anode cap, make certain the H.V. remains in the CRT even after the power is disconnected.

To avoid electrical shock, remove the anode cap before attempting to discharge CRT: Short between anode and CRT coated earth ground strap.



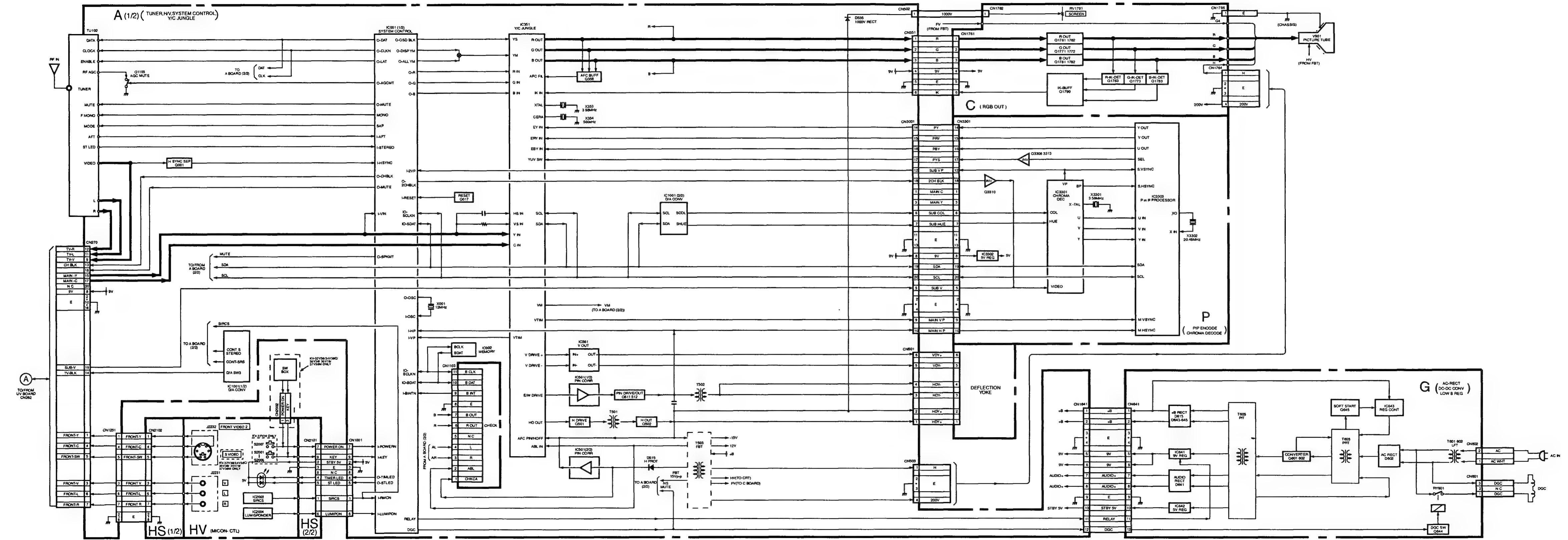
SECTION 3 SAFETY RELATED ADJUSTMENTS

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
<p>RESISTOR CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS</p> <p>The following adjustments should always be performed when replacing the components marked with  on the A and G Board schematic diagrams. (Hold-down operation confirmation)</p> <p>Step 1</p> <p>Preparation before confirmation:</p> <p>a) Turn the POWER switch ON, input a white signal and set the PICTURE and BRIGHTNESS controls to maximum.</p> <p>b) Confirm that the voltage at the check terminal of TP85 is more than 18.0 VDC when the set is operating normally. (120 ± 2.0 VAC) or (220 ± 2.0 VAC for KV-34V36C)</p> <p>Step 2</p> <p>Input a white signal and verify that I ABL is within the specified range.</p> <p>Step 3</p> <p>Record the voltage between TP85 and ground.</p> <p>Step 4</p> <p>Using an external DC power supply, apply voltage between TP 85 and ground. Increase the voltage gradually and confirm that the hold-down works (raster disappears) at lower than the voltage recorded in Step 3.</p> <p>Step 5</p> <p>Confirm that a voltage of more than 18.0 VDC appears between TP85 and ground.</p>	<p>White Picture</p> <p>Digital multimeter</p> <p>White Picture</p> <p>White Picture</p>	<p> marked parts A Board IC351, IC501 D519, D520, D521, C531, C532, R387, R529, R530, R531 R532, R533, R550, T503 G Board IC643, R661</p> <p>TP85 (H. PROT)</p>	<p> R530, 531</p> <p>PICTURE BRIGHTNESS maximum</p> <p>PICTURE BRIGHTNESS maximum</p>	<p>A BOARD - CONDUCTOR SIDE -</p>  <p>[Check Condition] Step 2 2160 ± 100 μA 120 +2.0 VAC (Power Supply) 220 +2.0 VAC (Power Supply) (KV-34V36C only)</p> <p>[Check Condition] Step 4 lower than 22.05 V DC 120 +2.0 VAC (Power Supply) 220 +2.0 VAC (Power Supply) (KV-34V36C only)</p> <p>[Check Condition] Step 5 more than 18.0V DC 120 +2.0 VAC (Power Supply) 220 +2.0 VAC (Power Supply) (KV-34V36C only)</p>

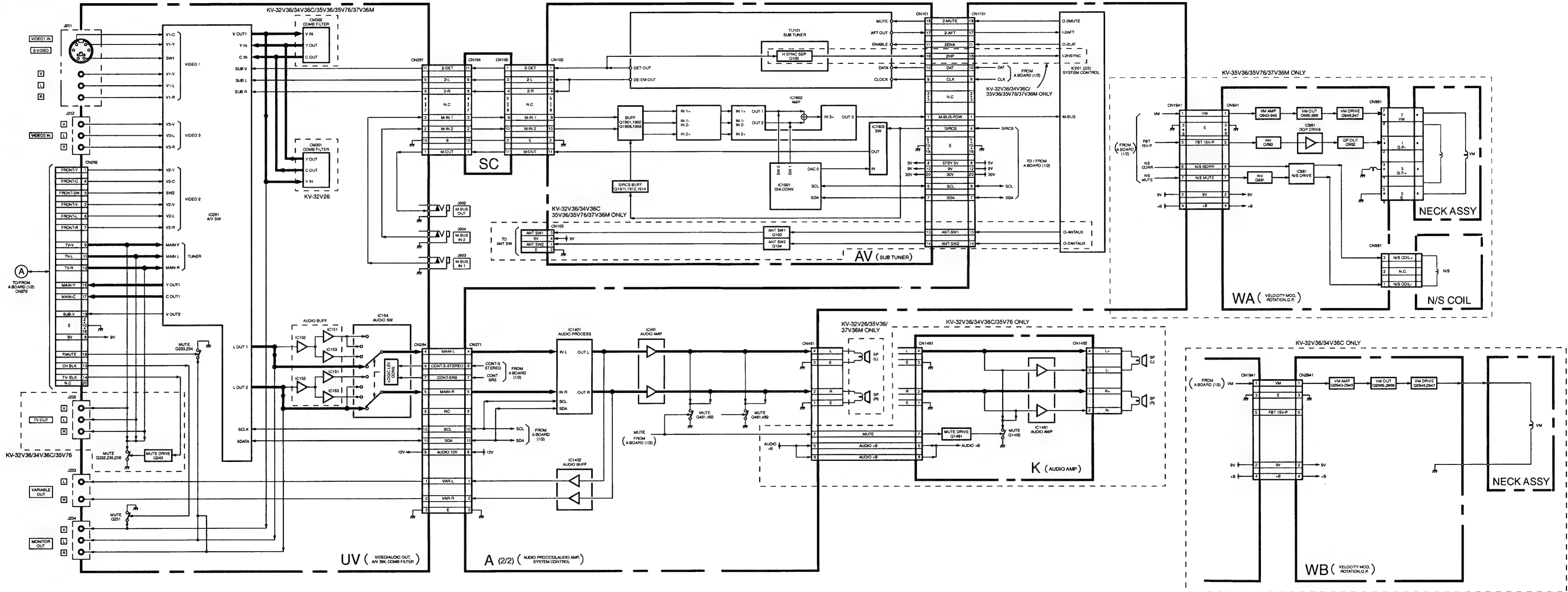
ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
<div data-bbox="265 1556 310 1927" style="border: 1px solid black; padding: 2px; display: inline-block;"> B+ VOLTAGE CONFIRMATION </div> <p>The following adjustments should always be performed when replacing the components marked with  on the schematic.</p> <ol style="list-style-type: none"> 1) Supply AC Voltage with a variable auto-transformer. 2) Input an entirely monoscope signal. 3) Set the PICTURE control and the BRIGHTNESS control to initial reset value. 4) Confirm the voltage of the G board CN641 between pin 1 to ground is less than 136.5 VDC. 5) If step 4) is not satisfied, replace the R661 and repeat above steps. 	<p>Variable auto-transformer</p> <p>Monoscope</p>	<p><u>G-Board</u> IC643, R661</p> <p><u>G Board CN641</u> Pin 1 - ground</p>	<p>PICTURE, BRIGHTNESS initial reset</p>	<p>130 ± 0 V AC -0</p> <p>220 ± 0 V AC (KV-34V36C only) -0</p>

SECTION 4
DIAGRAMS

4-1. BLOCK DIAGRAM

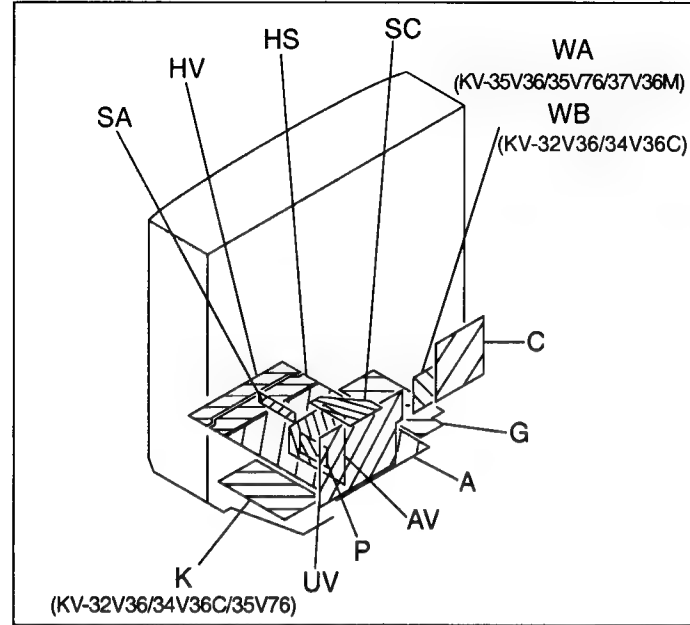


4-2. FRAME SCHEMATIC DIAGRAM



SECTION 4
DIAGRAMS (continued)

4-3. CIRCUIT BOARDS LOCATION



4-4. PRINTED WRING BOARDS AND
SCHEMATIC DIAGRAMS

- Note:
- All capacitors are in μF unless otherwise noted. pF , μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All electrolytics are in 50V unless otherwise specified.
 - All resistors are in ohms $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$.
 - Indication of resistance, which does not have one for rating electrical power, is as follows

Pitch: 5mm
Rating electrical power: $1/4\text{W}$

- $1/4\text{W}$ in resistance, $1/10\text{W}$ and $1/8\text{W}$ in chip resistance
 - nonflammable resistor
 - fusible resistor
 - internal component
 - panel designation and adjustment for repair
 - All variable and adjustable resistors have characteristic curve B, unless otherwise noted
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation
- Should replacement be required, replace only with the value originally used
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved (Refer to R530 and R531 adjustment on Page 15 - 16)
 - When replacing the part in below table, be sure to perform the related adjustment

Part replaced()	Adjustment()
IC351, IC501, D519, D520, D521, C531, C532, R387, R529, R530, R531, R532, R333R550, T503.....A BOARD	R530, R531
IC643, R661.....G BOARD	

- Readings are taken with a color-bar signal input
- Readings are taken with a 10M Ω digital multimeter
- Voltages are DC with respect to ground unless otherwise noted
- Voltage variations may be noted due to normal production tolerances
- All voltages are in V
- S Measurement impossibility
- B-line
- B-line
- (Actual measured value may be different)
- signal path (RF)
- Circled numbers are waveform references

- Reference information
- RESISTOR
- RN METAL FILM
 - RC SOLID
 - FRPD NONFLAMMABLE CARBON
 - FUSE NONFLAMMABLE FUSIBLE
 - RW NONFLAMMABLE WIREWOUND
 - RS NONFLAMMABLE METAL OXIDE
 - RB NONFLAMMABLE CEMENT
 - X ADJUSTMENT RESISTOR
- COIL
- LF-8L MICRO INDUCTOR
- CAPACITOR
- TA TANTALUM
 - PS STYROL
 - PP POLYPROPYLENE
 - PT MYLAR
 - MPS METALIZED POLYESTER
 - MPP METALIZED POLYPROPYLENE
 - ALB BIPOLAR
 - ALT HIGH TEMPERATURE
 - ALR HIGH RIPPLE

Note:

The symbol display is on the component side.

The components identified by shading and mark are critical for safety. Replace only with part number specified

The symbol indicate fast operating fuse. Replace only with fuse of same rating as marked.

Note:

Les composants identifiés par un trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacée par une fusible de même valeur, comme maque

P BOARD IC VOLTAGE LIST

IC3301	pin	volt	pin	volt	pin	volt
	1	GND	20	3.0	13	NC
	2	NC	21	3.0	14	-3.0
	3	GND	22	4.7	15	GND
	4	4.0	23	GND	16	GND
	5	4.0	24	2.9	17	0.7
	6	GND	IN	9.1	18	0.5
	7	0.2	OUT	5.3	19	0.2
	8	0	1	GND	20	0.3
	9	1.8	2	3.2	21	5.1
	10	0.3	3	2.6	22	5.2
	11	8.2	4	2.3	23	NC
	12	8.2	5	5.1	24	NC
	13	3.9	6	GND	25	GND
	14	3.4	7	0.5	26	NC
	15	0	8	0	27	GND
	16	2.8	9	0.6	28	2.9
	17	NC	10	5.2	29	5.2
	18	2.5	11	2.1	30	2.6
	19	3.5	12	0.3	31	4.2
					32	2.5

All voltages are in V

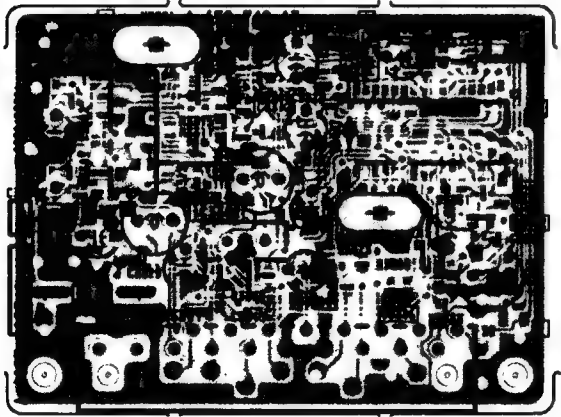
P BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q3301	5.3	9.1	4.7
Q3305	0.5	GND	1.2
Q3306	0.8	GND	1.4
Q3307	0.6	GND	1.3
Q3308	0	GND	2.8
Q3310	0	5.2	GND
Q3312	0	0	0.8
Q3313	0.8	0.4	GND

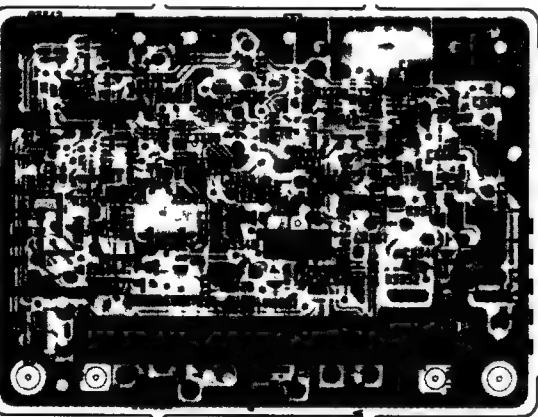
All voltages are in V

P [P in P] — P BOARD —

< COMPONENT SIDE >

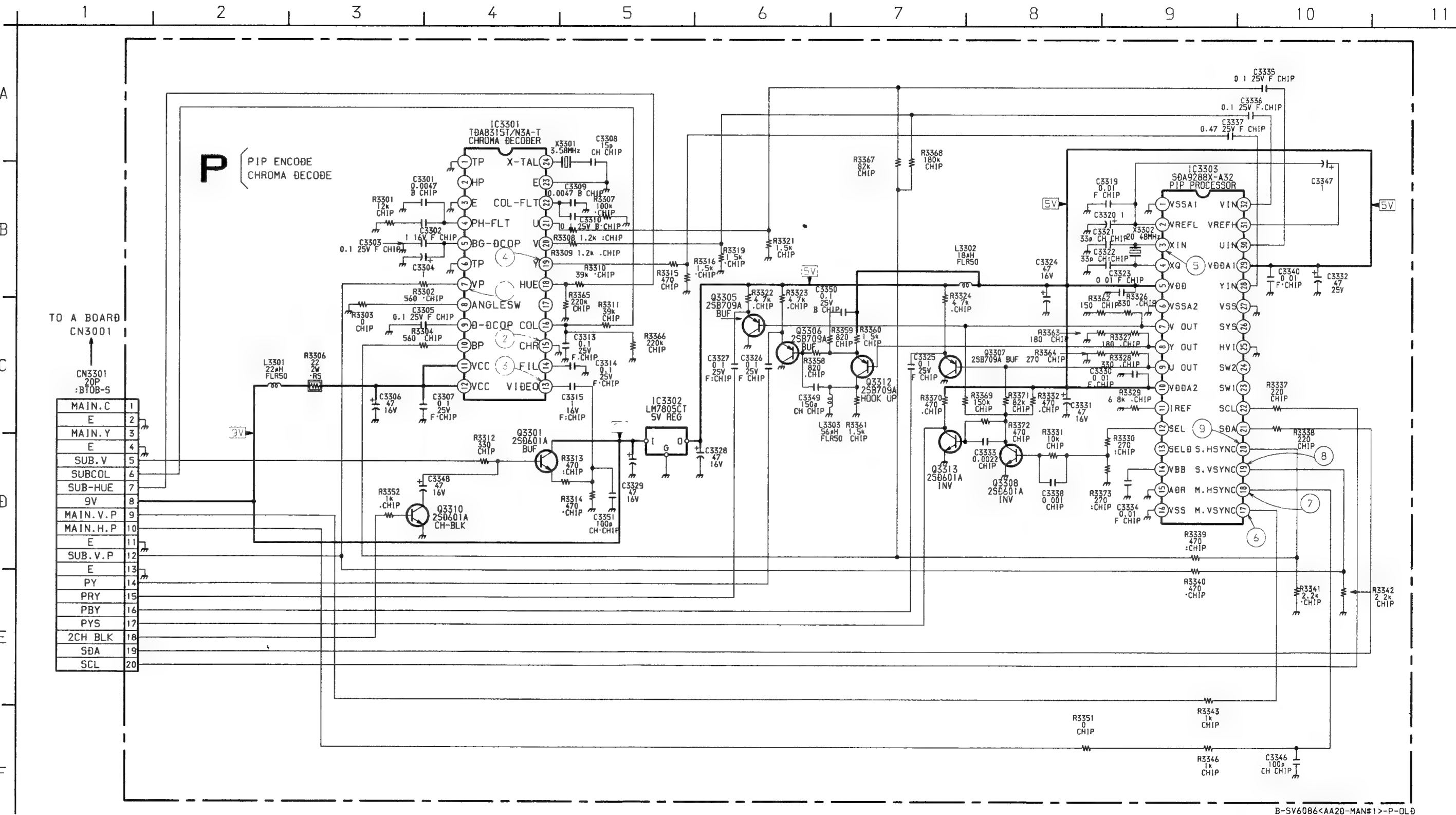
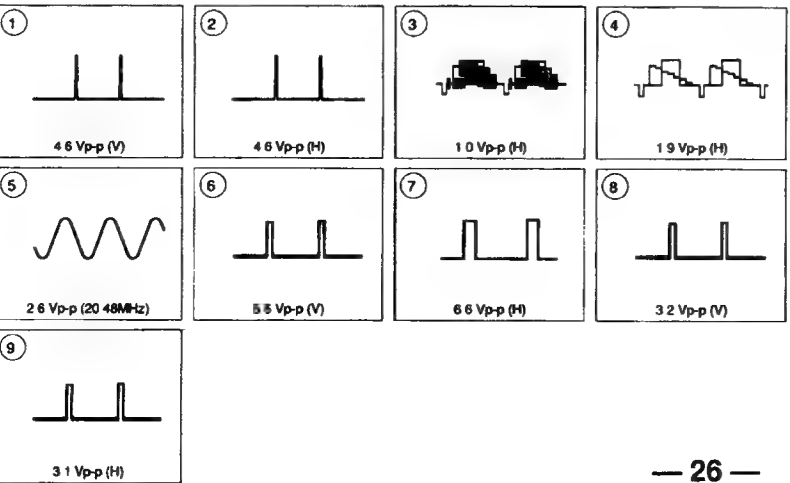


< CONDUCTOR SIDE >



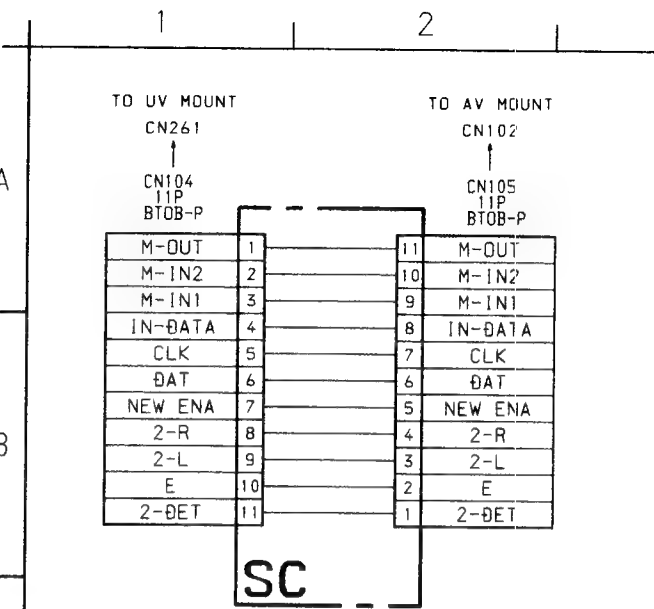
- Pattern from the side which enables seeing.
- Pattern of the rear side.

P BOARD WAVEFORMS

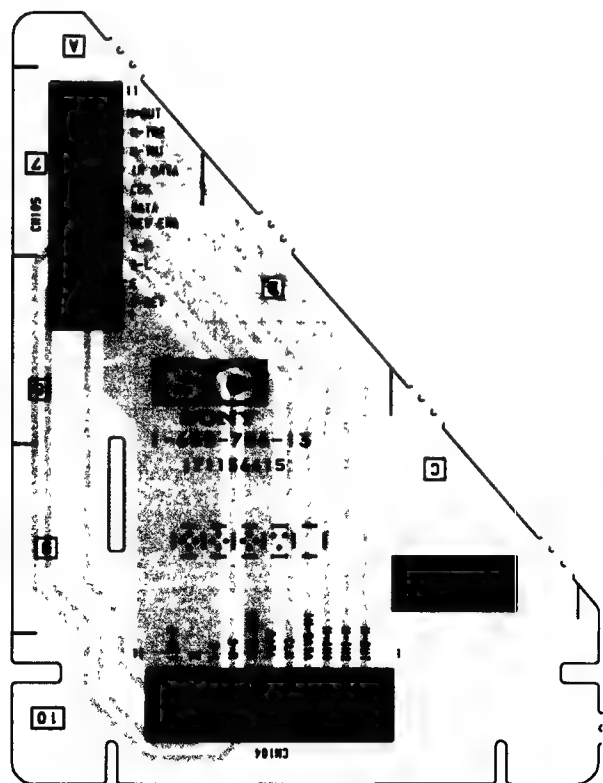


Schematic diagrams

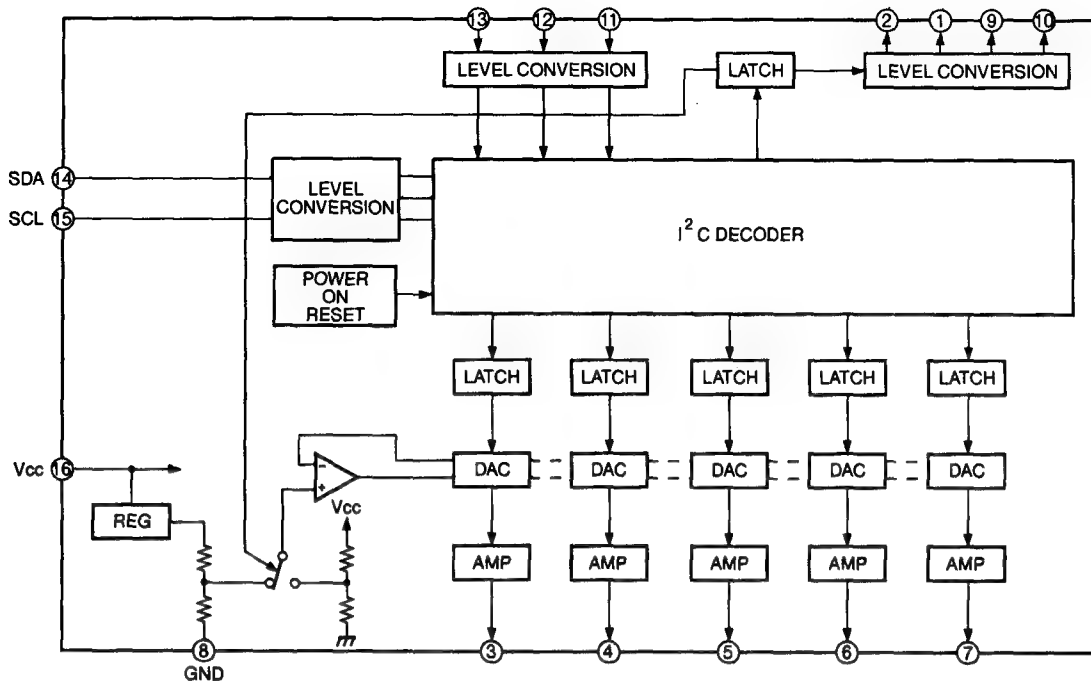
← P board A board →



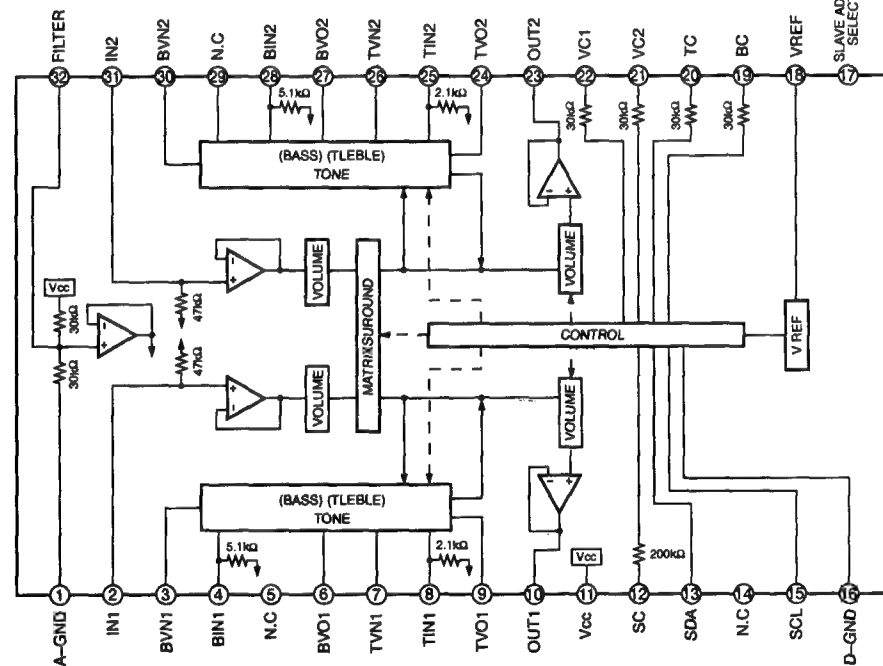
SC — SC BOARD —



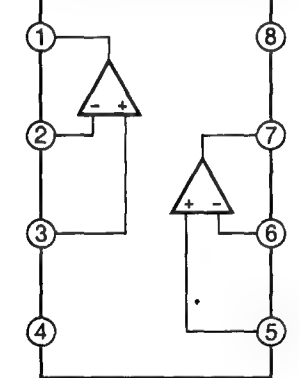
A BOARD: IC1001 CXA1315M



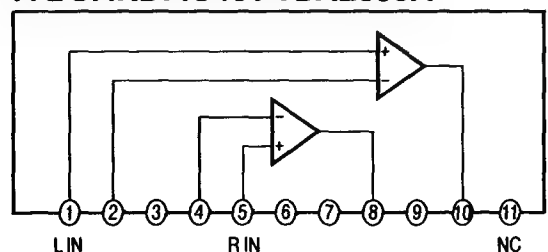
A BOARD: IC1401 BH3856FS



A BOARD: IC1402 NJM4558M



A BOARD: IC461 TDA2009A



NOTE:
Portions of the circuit marked as shown are high voltage areas. Use care to prevent electric shocks during inspection or repair.

A [TUNER, MICON, AUDIO
PROCESS, Y/C/J, HV]
FOR 35"

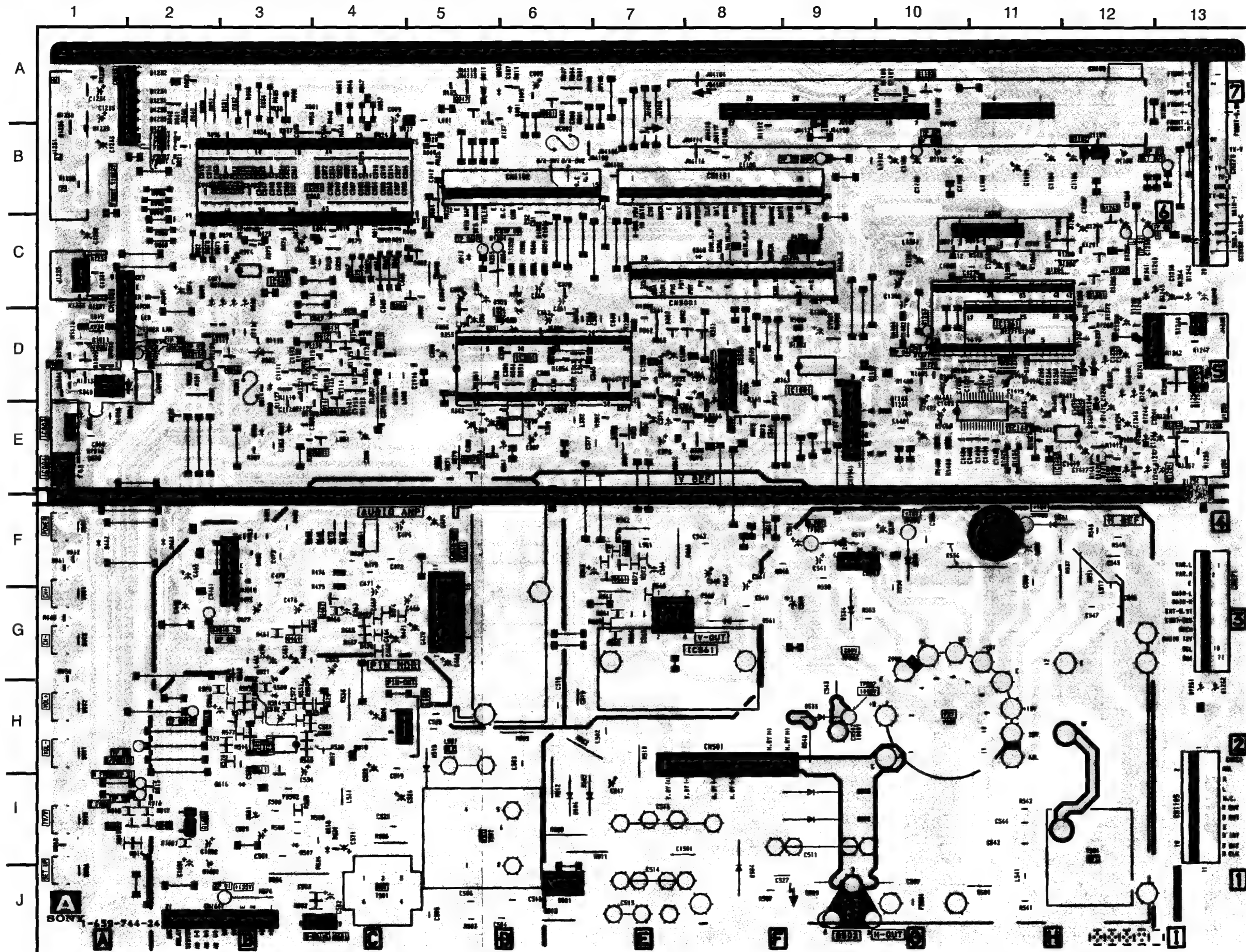
**A BOARD
(36V38/37V36M/36V76)**

DIODE	
D001	A-6
D002	D-3
D003	A-6
D004	C-3
D011	A-5
D013	C-5
D014	D-3
D015	C-4
D353	D-8
D356	E-3
D360	E-7
D362	E-8
D368	C-8
D462	F-1
D501	I-3
D502	I-9
D503	I-9
D504	J-9
D505	I-2
D506	I-8
D507	I-3
D515	H-5
D516	I-3
D518	I-4
D519	F-9
D520	H-3
D521	G-3
D530	F-10
D531	F-12
D534	G-9
D535	H-9
D561	G-8
D562	G-3
D1102	B-10
D1103	B-12
D1248	E-12
D1263	D-10
D1264	E-10

IC	
IC001	B-4
IC002	C-3
IC351	D-6
IC461	G-5
IC501	H-3
IC561	G-8
IC1001	D-9
IC1401	E-11
IC1402	E-12

TRANSISTOR	
Q001	A-6
Q002	C-5
Q003	I-2
Q004	I-2
Q010	D-4
Q011	D-4
Q012	D-4
Q013	D-4
Q014	D-4
Q015	D-4
Q016	D-3
Q017	A-5
Q301	D-8
Q302	G-6
Q303	D-8
Q354	E-8
Q356	C-5
Q357	E-5
Q358	E-8
Q461	G-3
Q462	G-4
Q501	J-4
Q502	J-9
Q503	H-3
Q511	H-3
Q512	H-5
Q561	F-7
Q562	F-7
Q563	H-2
Q1102	B-12
Q1103	A-10
Q1231	E-13
Q1232	E-13

— A BOARD (35") —



A [TUNER, MICON, AUDIO
PROCESS, Y/C/J, HV]
FOR 32"

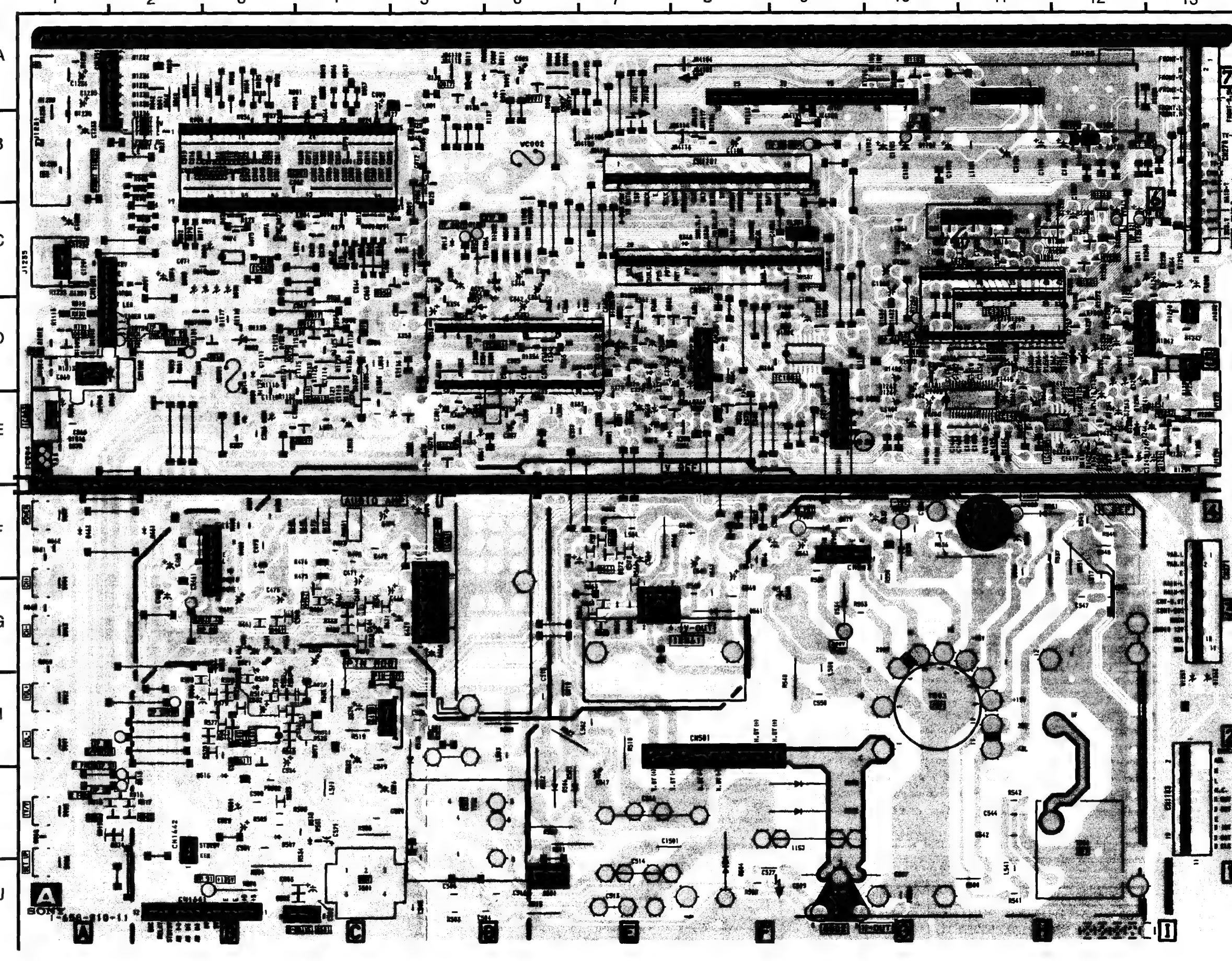
**A BOARD
(32V26/32V36/34V36C)**

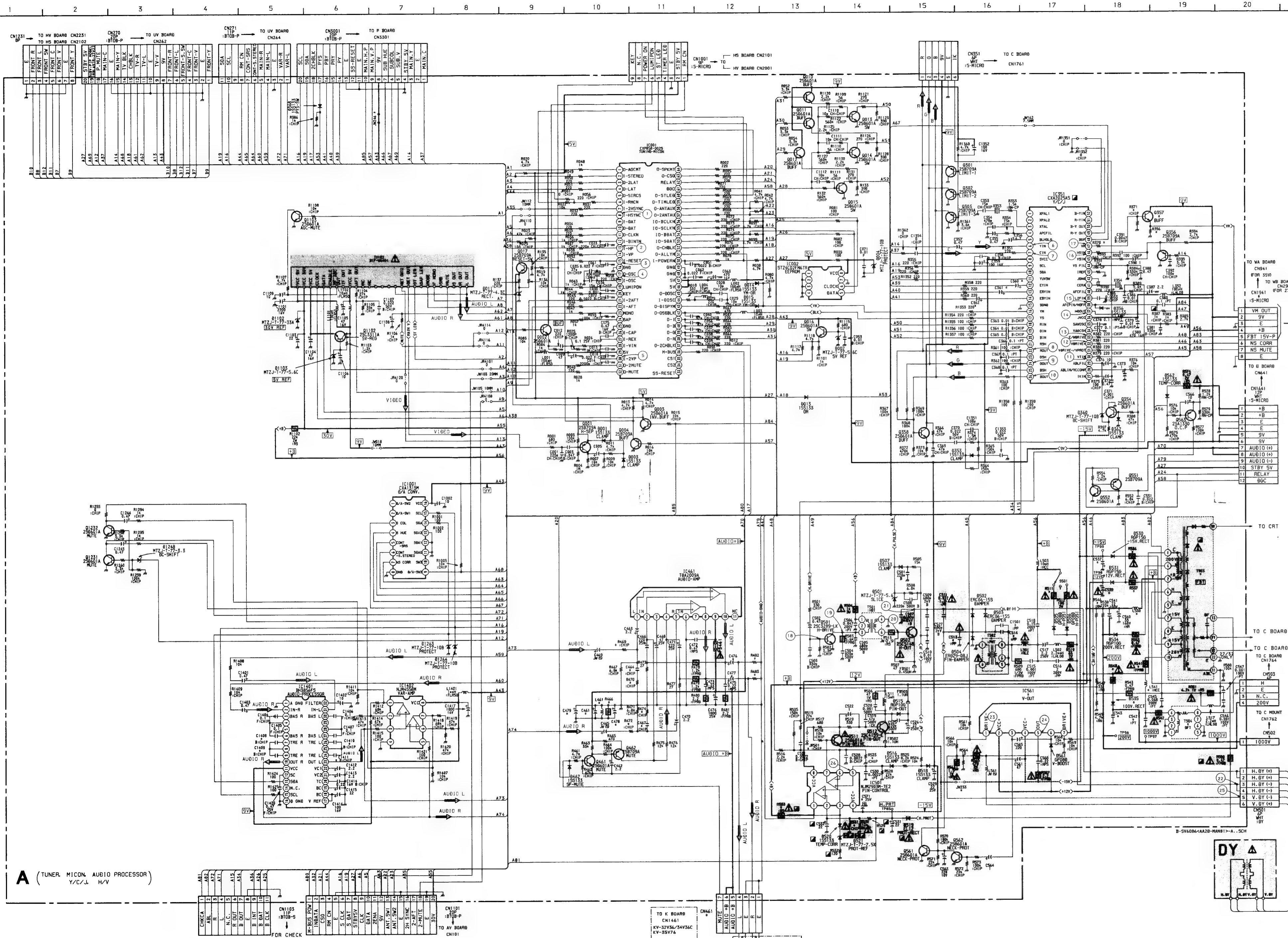
DIODE	
D001	A-6
D002	D-3
D003	A-6
D004	C-3
D011	A-5
D013	C-5
D014	D-3
D015	C-4
D353	D-7
D356	E-2
D360	E-7
D362	E-8
D368	C-8
D462	F-1
D501	I-3
D502	I-9
D503	I-9
D504	J-8
D505	I-7
D506	I-6
D507	I-3
D515	H-5
D516	I-3
D518	I-4
D519	F-9
D520	H-3
D521	H-3
D530	F-10
D531	F-12
D534	G-9
D561	G-8
D562	G-3
D1102	B-10
D1103	B-12
D1248	E-12
D1263	D-10
D1264	E-10

IC	
IC001	B-4
IC002	C-3
IC351	D-6
IC461	F-5
IC501	H-3
IC561	G-8
IC1001	D-9
IC1401	E-11
IC1402	E-12

TRANSISTOR	
Q001	A-5
Q002	C-5
Q003	I-2
Q004	I-2
Q010	D-4
Q011	D-4
Q012	D-4
Q013	D-4
Q014	D-4
Q015	D-4
Q016	D-3
Q017	A-5
Q301	D-8
Q302	D-8
Q303	D-7
Q354	E-8
Q356	C-5
Q357	C-4
Q358	E-8
Q461	G-3
Q462	G-4
Q501	J-4
Q502	J-9
Q503	H-3
Q511	I-3
Q512	H-4
Q561	F-7
Q562	F-7
Q563	H-2
Q1102	B-12
Q1103	A-10
Q1231	E-13
Q1232	E-13

— A BOARD (32") —





A BOARD MARK LIST

	KV-32V26	KV-32V36/34V36C	KV-35V36/37V36M	KV-35V76
C461	10	33/25V	10	10
C464	#	0.0047	#	#
C467	#	0.0047	#	#
C476	1000/25V	JW (S)	1000/25V	JW (S)
C477	1000/25V	JW (S)	1000/25V	JW (S)
C478	#	220/16V	22	220 16V
C479	#	#	2.2	10
C513	056/400V	056/400V	033/630V	033/630V
C514	82/200V	82/200V	82/200V	82/200V
C537	470/25V	470/25V	1000/25V	1000/25V
C539	470/16V	470/16V	1000/25V	1000/25V
C542	#	#	0.47/200V	0.47/200V
C543	#	#	220p/2kV	220p/2kV
C571	4.7	4.7	#	7P
C1408	0.022	0.033	0.022	0.022
C1409	0.022	0.033	0.022	0.022
C1410	0.022	0.033	0.022	0.022
C1411	0.022	0.033	0.022	0.022
C1501	12/200V	12/200V	#	7P
CN481	4P	7P	4P	7P
CN502	#	#	1P	1P
CN1941	#	5P	8P	8P
D535	#	#	RG02-17	RG02-17
IC561	TDAB172	TDAB172	STV9379	STV9379
JW233	12.5MM	12.5MM	#	#
JW246	5MM	5MM	#	#
L461	15uH	56uH	220uH	180uH
L530	JW(S)	JW(S)	#	#
L541	#	#	10mH	10mH
Q357	#	2SD601A	2SD601A	2SD601A
R370	#	1k	1k	1k
R371	#	1.5k	1.5k	1.5k
R396	#	1k	1k	1k
R405	2.2	2.2	#	#
R469	1.8k	5.6k	2.2k	5.6k
R470	#	15k	#	#
R472	1.8k	5.6k	2.2k	5.6k
R474	#	15k	#	#
R482	2.2k	#	2.2k	#
R483	#	2.2k	#	#
R511	68/2W	68/2W	100/2W	100/2W
R523	10k	10k	8.2k	8.2k
R529	22k	22k	18k	18k
R531	68k	68k	220k	220k
R533	47k	33k	33k	33k
R536	47/5W	47/5W	4.7/3W	4.7/3W
R537	47/5W	47/5W	18/3W	18/3W
R541	#	#	0.47	0.47
R542	#	#	22	22
R548	22k	22k	1.8k	1.8k
R548	#	#	3.3k/1W	3.3k/1W
T502	400UH	400UH	500UH	500UH
T503	NX-A2609	NX-A2609	NX-3001	NX-3001
T504	#	DFT	#	DFT

NOT MOUNTED

A BOARD IC VOLTAGE LIST

pin	volt	pin	volt	pin	volt	pin	volt
IC001	1 0	52 0	31 3.1	6 0.6			
	2 0	53 4.9	32 3.2	7 3.8			
	3 0	54 4.9	33 3.7	8 GND			
	4 0	55 4.9	34 4.5	9 0			
	5 0	56 5.0	35 4.8	10 0			
	6 5.0	57 5.0	36 8.7	11 GND			
	7 0	58 0	37 3.4	12 GND			
	8 0	59 3.7	38 3.6	13 GND			
	9 0.8	60 0.5	39 4.1	14 5			
	10 0	61 0	40 4.3	15 5			
	11 0	62 4.8	41 2.5	16 8.7			
	12 5	63 0	42 GND	17 GND			
	13 4.2	64 4.8	43 2.8	2 4.3			
	14 1.3	IC002	44 2.8	3 4.3			
	15 5	2 GND	45 4.1	4 4.3			
	16 GND	3 GND	46 3.3	5 0			
	17 2.6	4 GND	47 6.0	6 4.3			
	18 *	5 5.0	48 0.4	7 4.3			
	19 3.1	6 5.0	49 0	8 4.4			
	20 5	7 GND	50 0	9 4.4			
	21 2	8 5.0	IC461	1 1.5			
	22 2	1 NC	2 3.5	11 8.7			
	23 0	2 NC	3 12.2	12 3.8			
	24 0	3 2.2	4 3.5	13 4.9			
	25 GND	4 5.9	5 1.5	14 0			
	26 0	5 4.1	6 0	15 5			
	27 1.6	6 4.6	7 0	16 0			
	28 5	7 3.3	8 0.3	17 4			
	29 0.2	8 9.2	9 22.1	18 4			
	30 0	9 5.2	10 0.3	19 2			
	31 0	10 5.2	11 0	20 2			
	32 0	11 0.3	IC501	1 3.4			
	33 0	12 6.6	2 7.9	22 0			
	34 0	13 6.3	3 8.3	23 4.3			
	35 0	14 6.3	4 16.5	24 4.3			
	36 0	15 GND	5 2.3	25 4.3			
	37 0	16 0	6 2.8	26 4.3			
	38 0	17 0	7 16.3	27 4.3			
	39 0	18 5.2	8 12.6	28 4.3			
	40 0	19 5.2	IC561	1 1.6			
	41 0	20 5.2	2 12.6	30 4.3			
	42 0	21 4.0	3 14.5	31 4.3			
	43 0	22 2.2	4 16.6	32 5.6			
	44 3.0	23 5.1	5 0.0	1 4.2			
	45 3.0	24 1.8	6 13.4	2 4.3			
	46 5.0	25 4.5	7 1.6	3 4.3			
	47 5.0	26 2.3	IC1001	1 0.0			
	48 GND	27 4.7	2 0.0	5 4.3			
	49 GND	28 1.7	3 3.2	6 4.3			
	50 5.0	29 6.8	4 2.8	7 4.3			
	51 0	30 0.7	5 0.5	8 8.7			

All voltages are in V

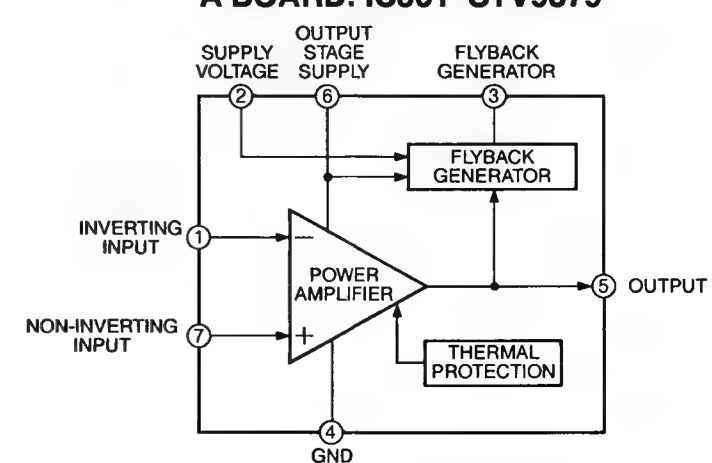
* Cannot measured

A BOARD TRANSISTOR VOLTAGE LIST

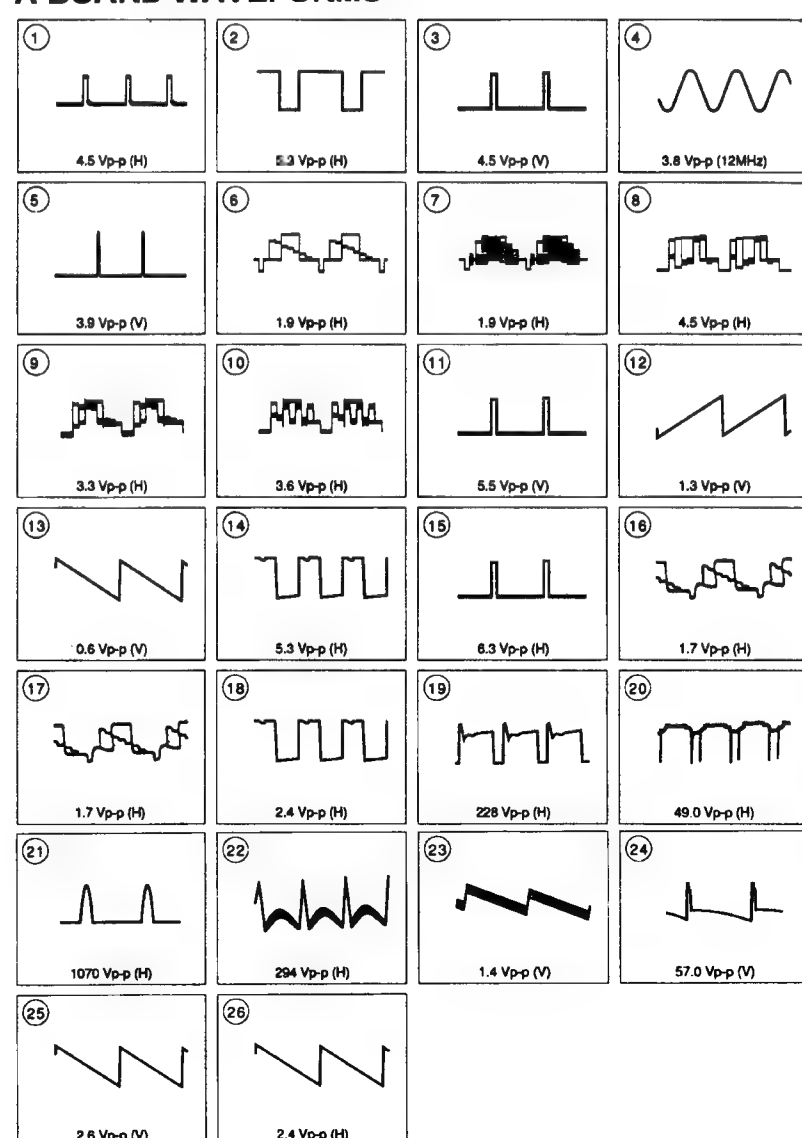
	B	C	E
Q001	5.2	0.9	5.0
Q002	4.8	5.0	4.1
Q003	-0.4	4.2	GND
Q004	0.8	GND	1.3
Q010	0	8.7	0
Q011	0	8.7	0
Q012	0	8.7	0
Q013	-0.2	0	GND
Q014	-0.2	0	GND
Q015	-0.2	0	GND
Q016	5.8	8.7	5.1
Q017	4.4	5.0	5.0
Q301	4.0	GND	2.2
Q302	4.0	GND	1.8
Q303	4.0	GND	2.0
Q354	0.2	GND	-0.5
Q365	4.9	GND	5.8
Q367	3.6	8.7	5.0
Q358	1.9	8.7	2.0
Q461	0.8	0	0
Q462	20.0	20.6	20.7
Q501	-0.7	105.6	GND
Q502	-0.4	136.1	0
Q503	0	8.3	GND
Q511	-16.3	-13.0	-16.5
Q512	-16.9	-9.1	-16
Q563	134.3	0.4	134.9
Q1102	6.0	9.2	5.3
Q1103	0	2.5	GND
Q1231	0	0	GND
Q1232	0	0	GND

All voltages are in V

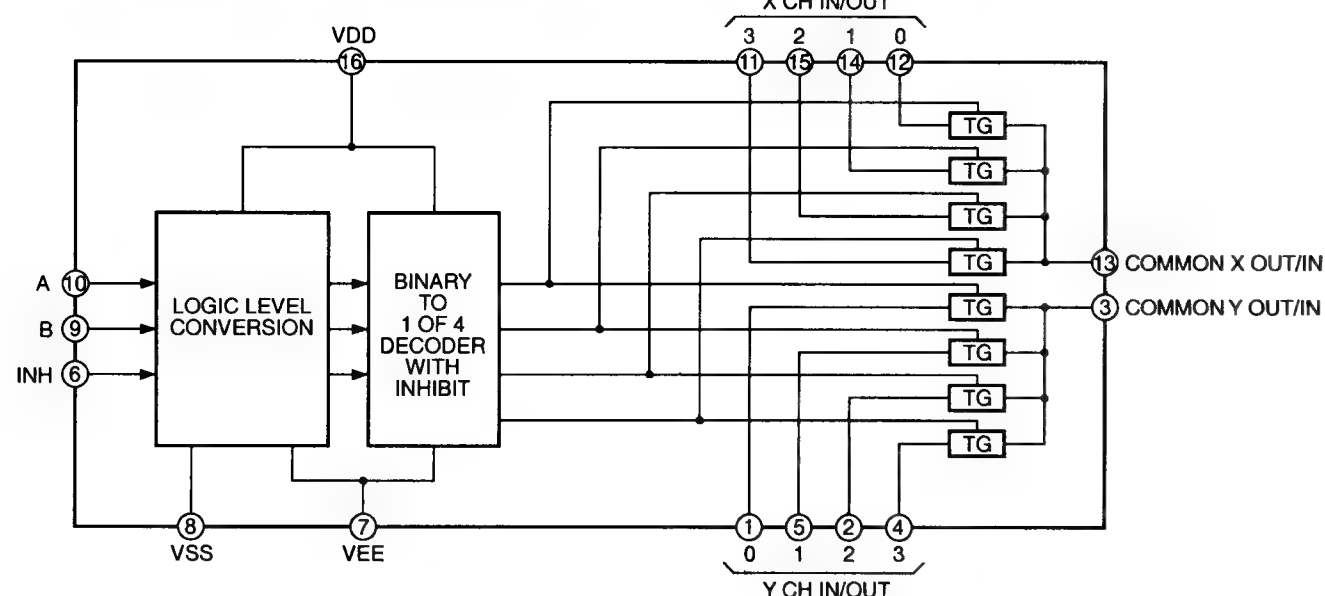
A BOARD: IC561 STV9379



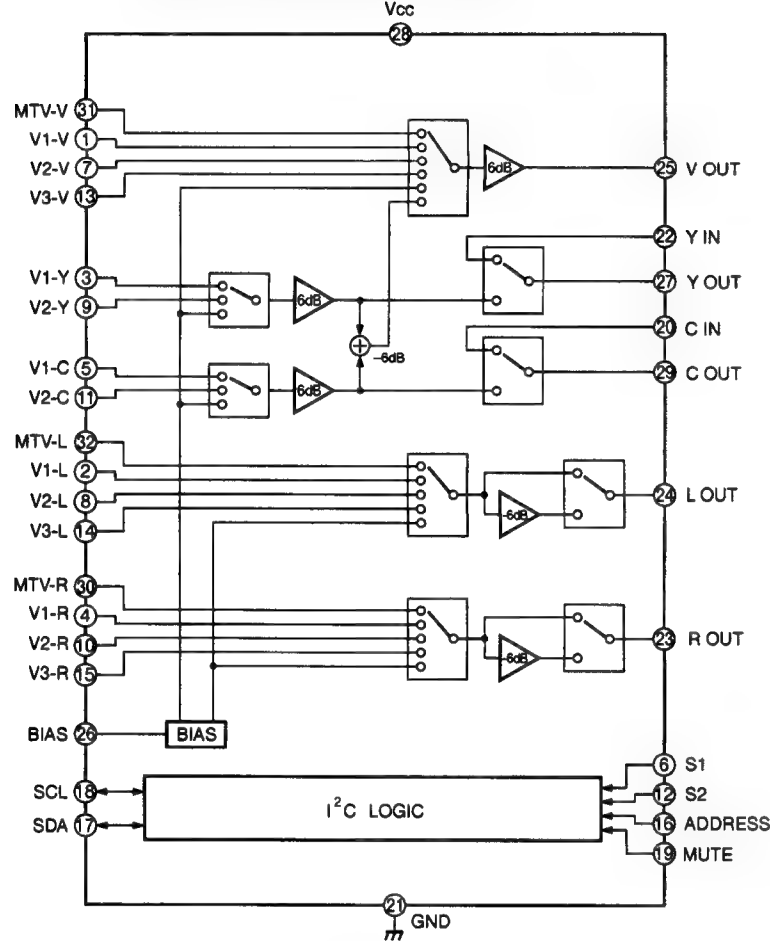
A BOARD WAVEFORMS



UV BOARD: IC154 CD4052BCN



UV BOARD IC261MM1311AD



UV BOARD* MARK LIST

	32V26	35V36/37V36M	34V36C/32V36/35V76
C245	#	#	470 25V
C246	#	#	0 47
C247	#	#	0 47
C261	#	0 047 MPS	0 047 MPS
C266	#	1	1
C267	#	1	1
C302	#	470 16V	470 16V
CM301	1-467-554-21	#	#
CM302	#	1-467-656-11	1-467-656-11
D239	#	#	MTZJ-T-77-3 3
D245	#	#	MTZJ-T-77-3 3
D246	#	#	MTZJ-T-77-3 3
J235	#	#	1-750-517-11 3P
Q232	#	#	2SD601A
Q235	#	#	2SD601A
Q236	#	#	2SD601A
Q240	#	#	2SB709A
Q241	#	#	2SB709A
Q242	#	#	2SB709A
Q261	#	2SD601A	2SD601A
R206	#	1k	1k
R207	#	#	0
R208	#	#	1k
R209	#	#	6 8k
R210	#	#	6 8k
R219	#	#	4 7k
R220	#	#	4 7k
R221	#	#	470
R222	#	#	100
R223	#	#	2400 00.00
R224	#	#	100
R252	#	#	56
R253	#	#	470k
R254	#	#	470k
R255	#	#	470k
R258	#	#	6 8k
R266	#	560	560
R267	#	680	680
R275	#	4 7k	4 7k
R276	#	4 7k	4 7k
R278	#	470	470

NOT MOUNTED

UV BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q231	0	5.7	GND
Q232	0.2	4.9	GND
Q233	0	0	GND
Q234	0	0	GND
Q235	0	0	GND
Q236	0	0	GND
Q237	5.0	GND	5.7
Q238	4.1	GND	4.7
Q239	4.1	GND	4.7
Q240	4.4	GND	5.0
Q241	4.4	GND	5.0
Q242	4.3	GND	4.9
Q243	0.2	GND	0.9
Q261	4.6	8.7	4.0
Q262	4.9	5.7	4.2
Q263	3.4	GND	4.1
Q265	4.3	GND	4.9

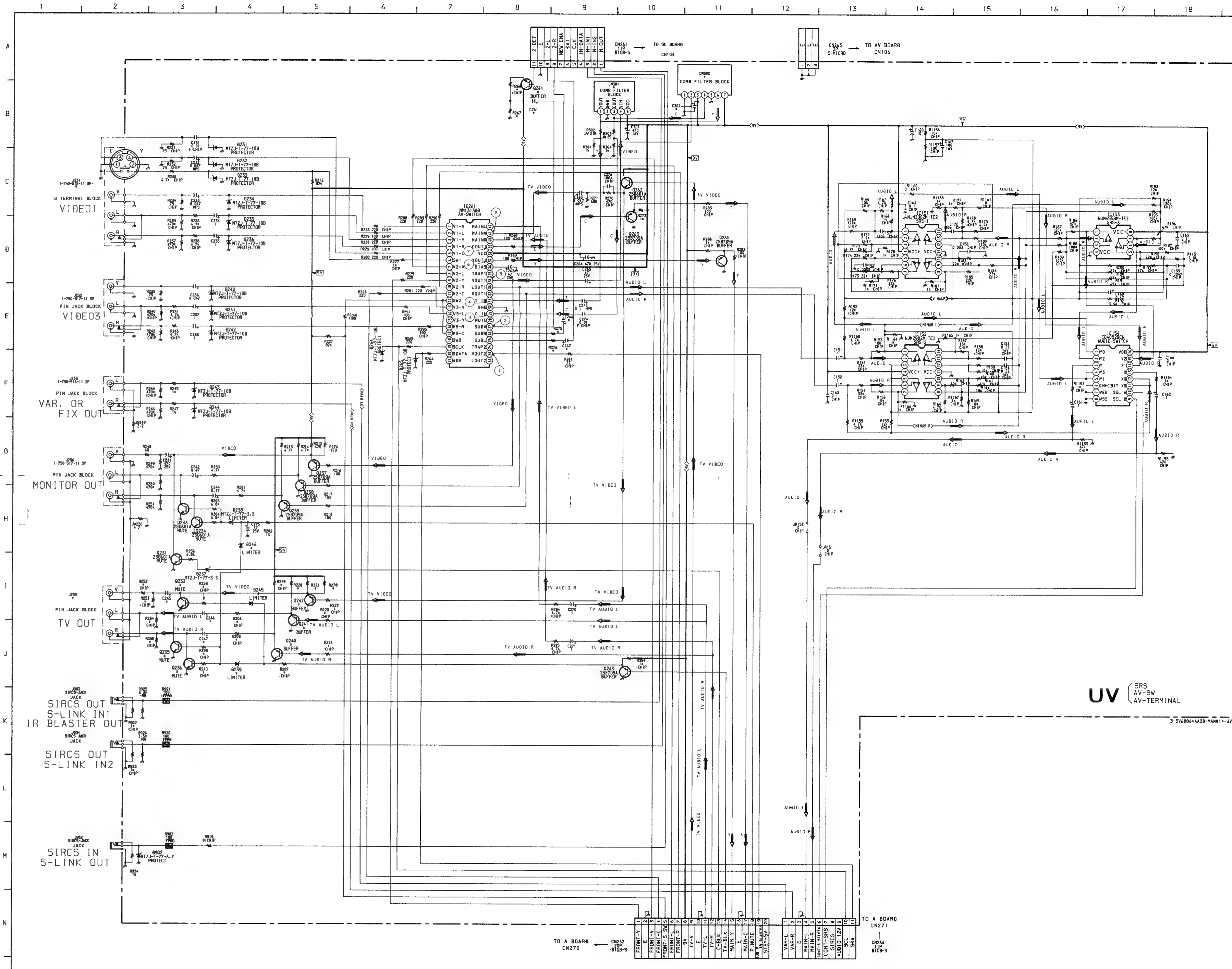
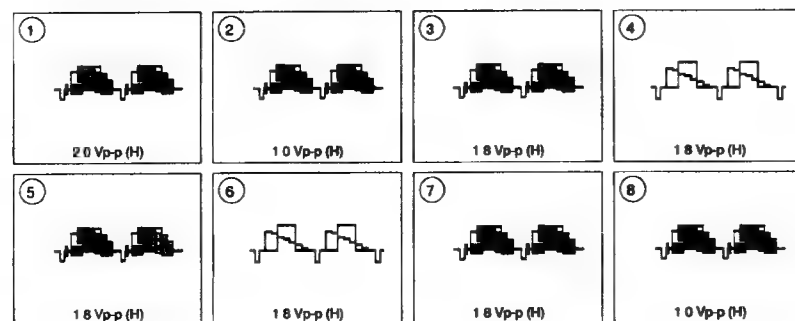
All voltages are in V

UV BOARD IC VOLTAGE LIST

IC151	pin	volt	pin	volt
	1	4.4	12	4.4
	2	4.4	13	4.4
	3	4.4	14	4.4
	4	5.7	15	4.4
	5	4.4	16	8.7
	6	4.4	17	4.8
	7	4.4	18	4.2
	8	4.4	19	4.8
	9	4.4	20	4.2
	10	4.4	21	5.8
	11	GND	22	4.9
	12	4.4	23	6.7
	13	4.4	24	NC
	14	4.4	25	4.2
	15	4.4	26	4.2
	16	4.4	27	6.1
	17	4.4	28	NC
	18	4.4	29	4.8
	19	4.4	30	GND
	20	4.4	31	5.6
	21	4.4	32	4.1
	22	4.4	33	4.1
	23	4.4	34	5.0
	24	4.4	35	NC
	25	4.4	36	4.2
	26	GND	37	4.3
	27	GND	38	8.7
	28	GND	39	3.4
	29	0.5	40	4.2
	30	0.5	41	5.2
	31	4.4	42	4.2

All voltages are in V

UV BOARD WAVEFORMS



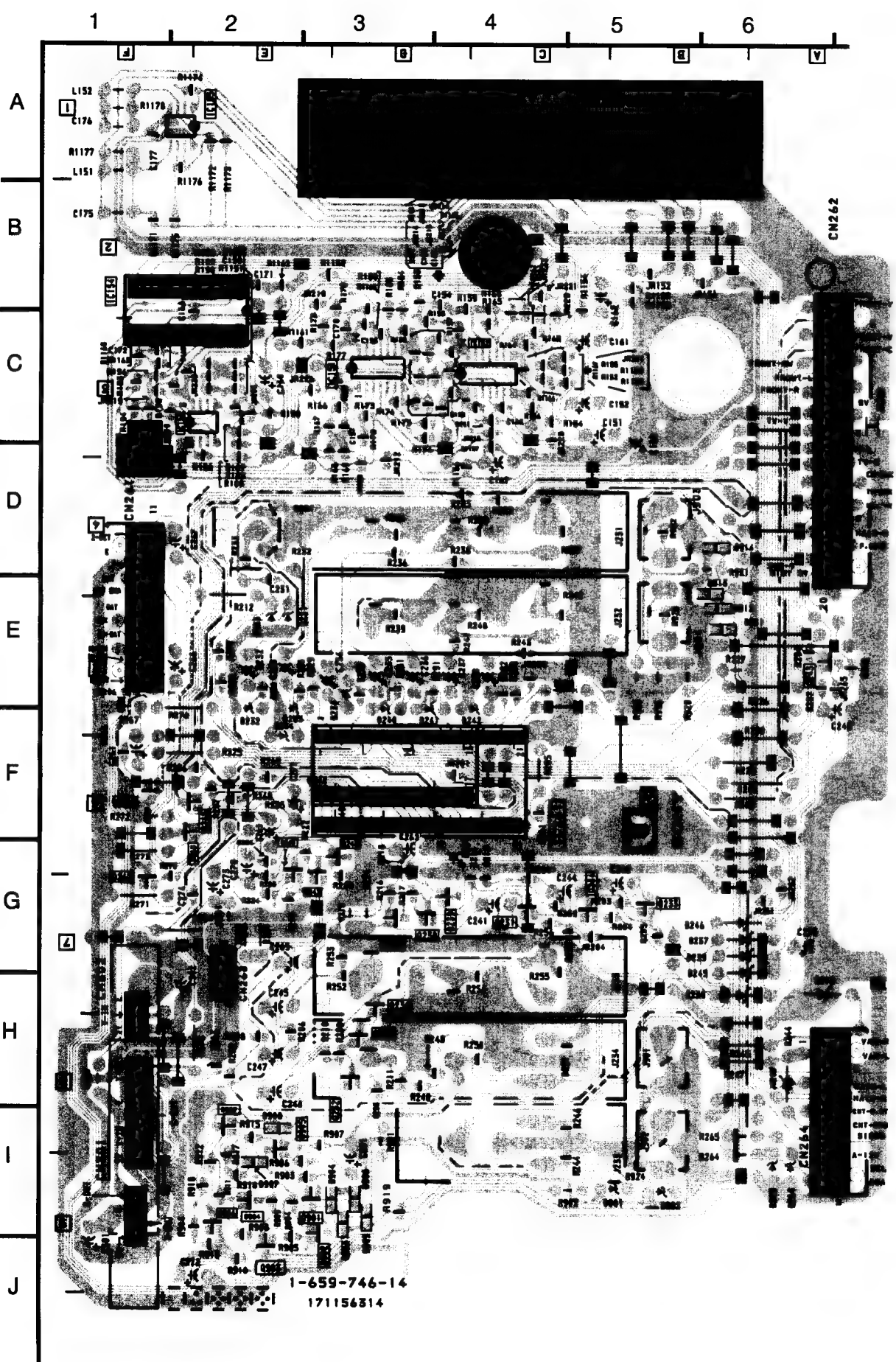
UV SRS AV-SW AV-TERMINAL

8-376284-4A20-MAIN13-UV



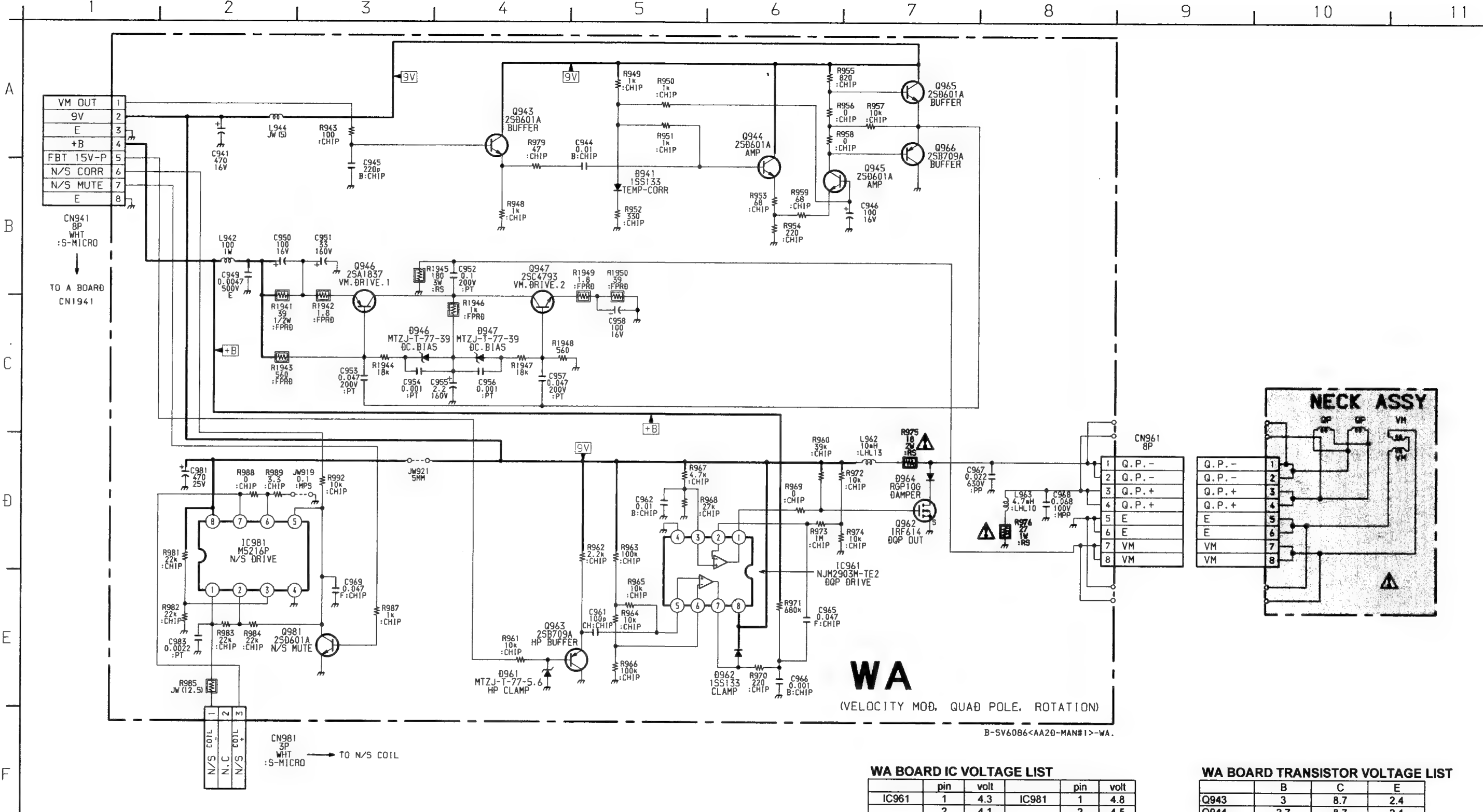
[A/V SW, EXT IN/OUT, AUDIO SW, AUDIO BUFF]

— UV BOARD —



UV BOARD

DIODE	
D231	E-2
D232	E-2
D233	E-2
D234	F-2
D235	E-2
D236	E-3
D237	G-6
D238	G-6
D239	G-6
D240	E-3
D241	E-3
D242	E-4
D243	G-6
D244	H-6
D245	G-6
D246	G-6
D264	I-6
D265	I-6
D902	I-5
D909	E-5
D910	E-5
IC	
IC151	C-3
IC152	C-4
IC153	C-2
IC154	C-2
IC261	F-4
TRANSISTOR	
Q231	G-4
Q232	H-3
Q233	G-5
Q234	G-5
Q235	H-3
Q236	H-3
Q237	G-3
Q238	G-3
Q239	G-4
Q240	G-2
Q241	G-3
Q242	G-3
Q243	E-6
Q261	F-1
Q262	G-1
Q263	F-2
Q265	F-2



WA
(VELOCITY MOD. QUAD POLE. ROTATION)

WA BOARD IC VOLTAGE LIST

IC961	pin	volt	IC981	pin	volt
	1	4.3		1	4.8
	2	4.1		2	4.5
	3	7.5		3	7.5
	4	GND		4	GND
	5	4.6		5	4.6
	6	4.2		6	4.1
	7	4.4		7	4.1
	8	8.7		8	8.7

All voltages are in V

WA BOARD TRANSISTOR VOLTAGE LIST

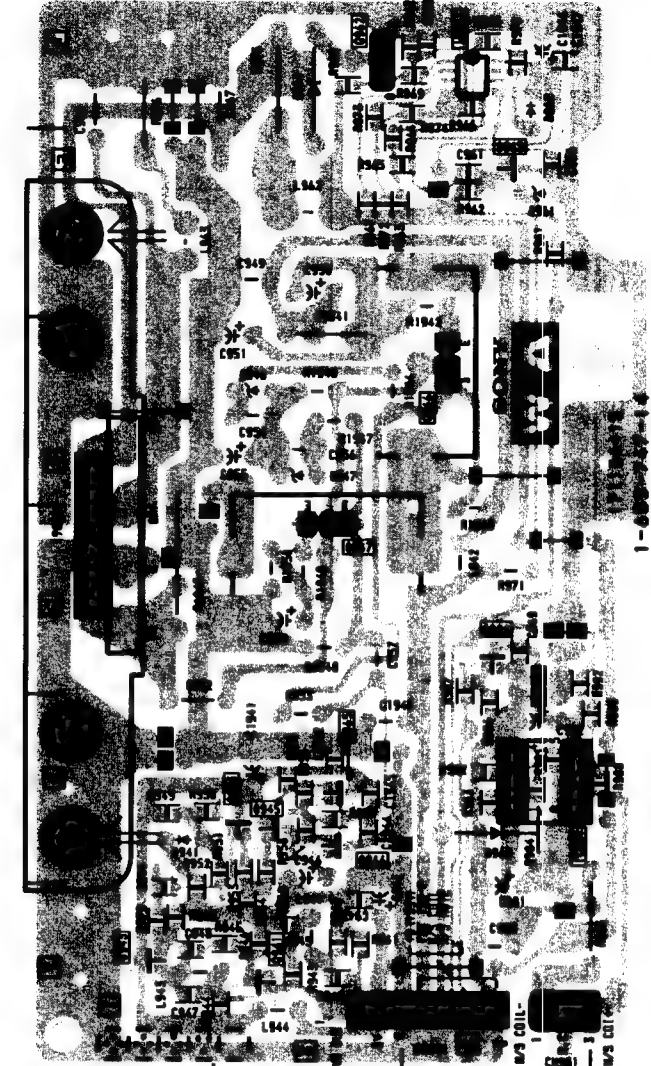
	B	C	E
Q943	3	8.7	2.4
Q944	2.7	8.7	2.1
Q945	2.7	5.5	2.1
Q946	134	65.7	134.6
Q947	0.9	65.7	0.5
Q963	4.6	GND	5.3
Q965	5.5	8.7	5.5
Q966	5.5	GND	5.5
Q981	0	4.1	GND
	G	D	S
Q962	4.3	9.8	GND

All voltages are in V

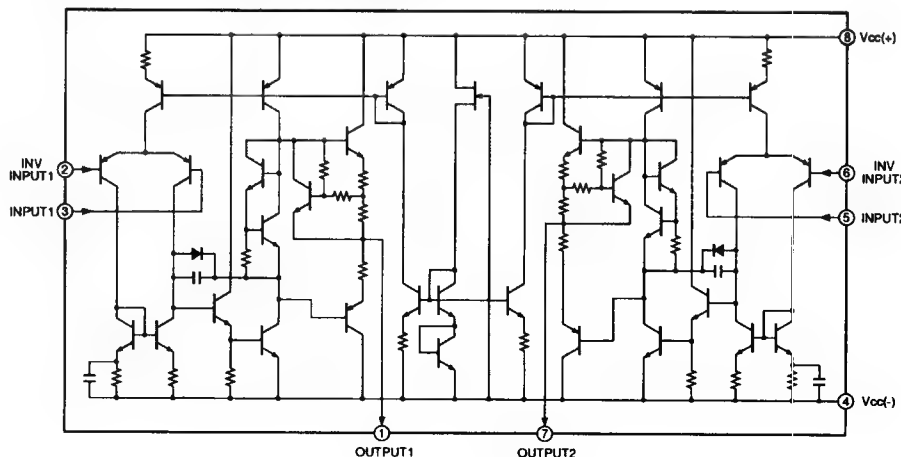


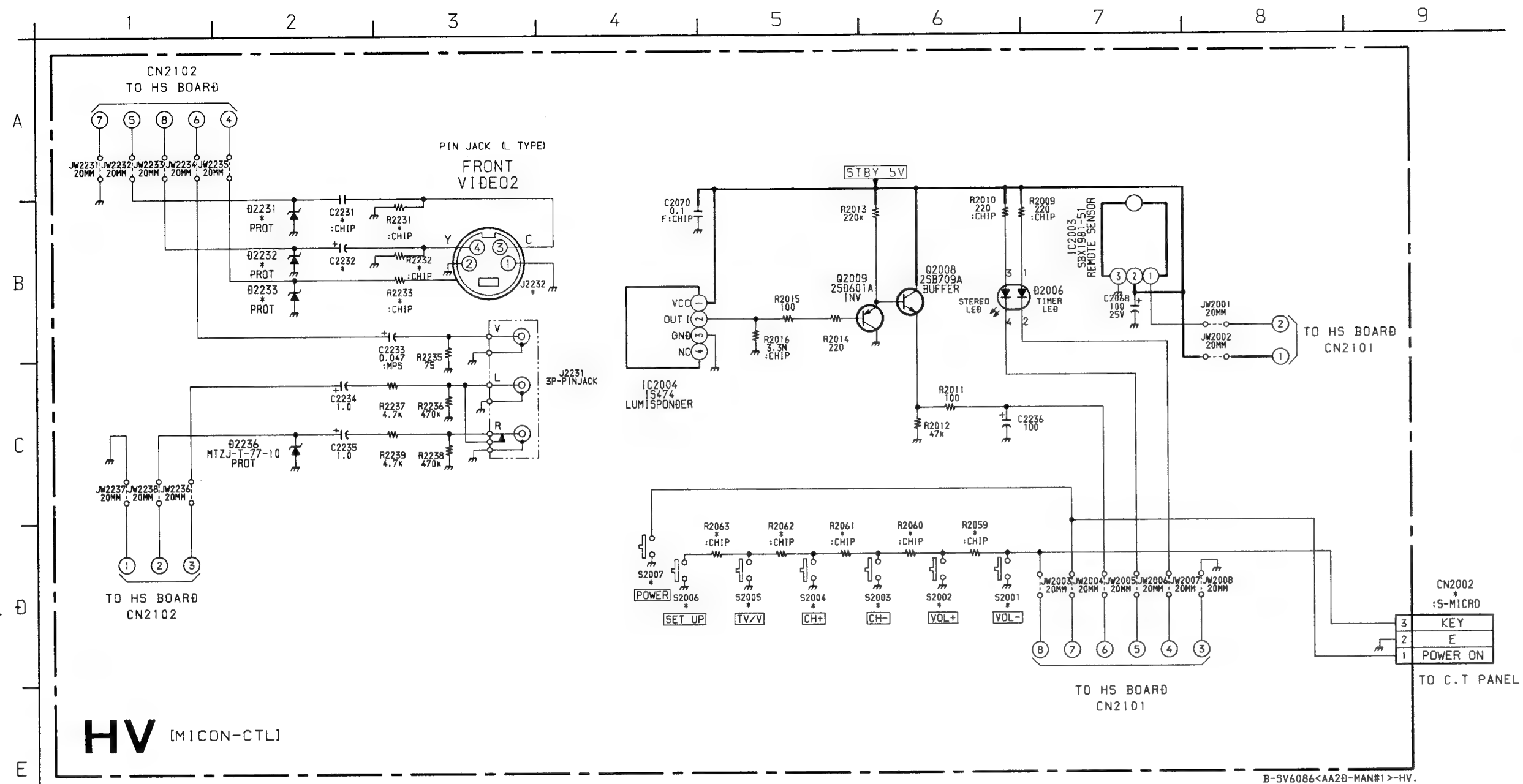
[VELOCITY MOD.,
QUADPOLE, ROTATION]
(KV-35V36/35V76/37V36M ONLY)

— WA BOARD —

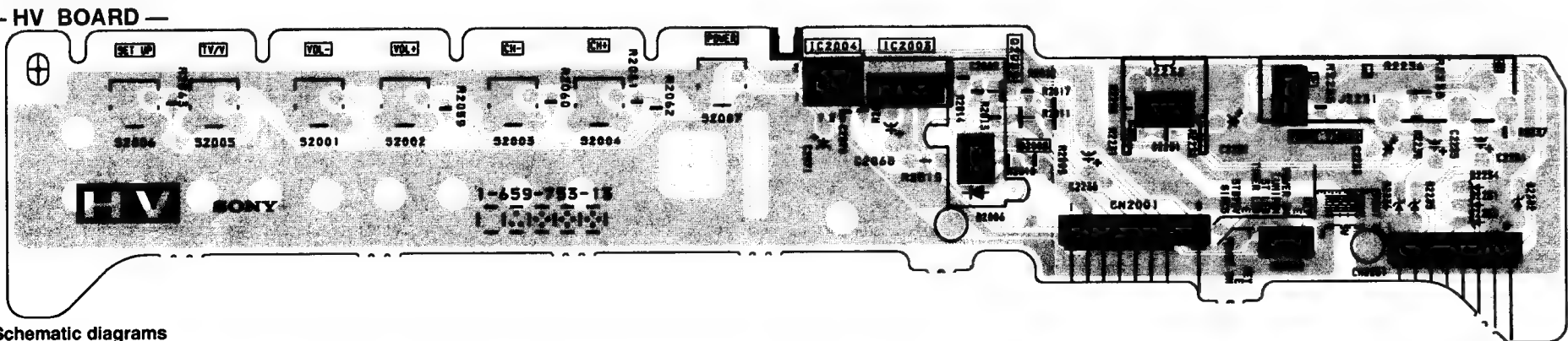


WA BOARD: IC981 M5216P





HV [FRONT VIDEO 2 IN, SIRCIS SWITCH]



HV BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q2008	4.5	5.0	1.5
Q2009	0.4	GND	4.5

All voltages are in V

HV BOARD IC VOLTAGE LIST

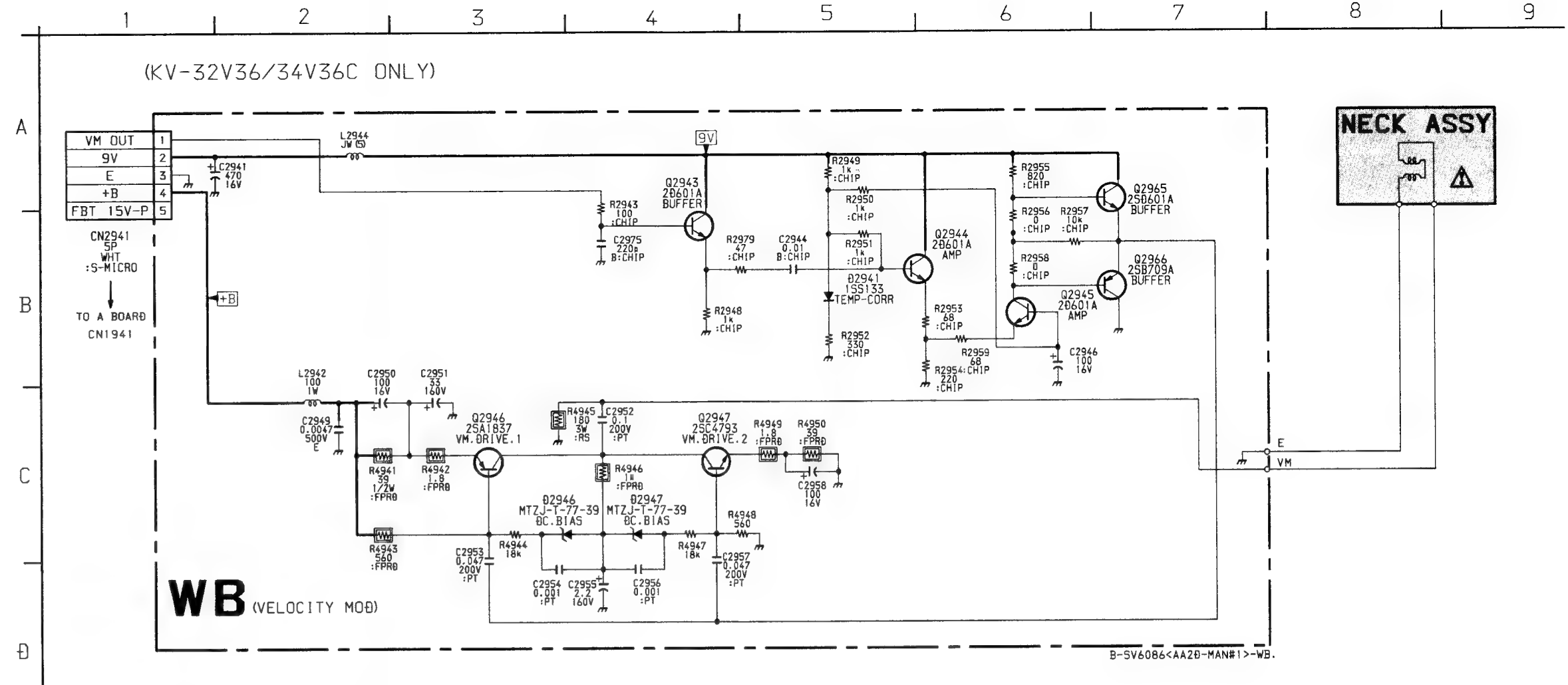
IC	pin	volt
IC2003	1	5.0
	2	5.0
	3	GND
IC2004	1	5.0
	2	0.5
	3	GND
	4	NC

All voltages are in V

HV BOARD * MARK LIST

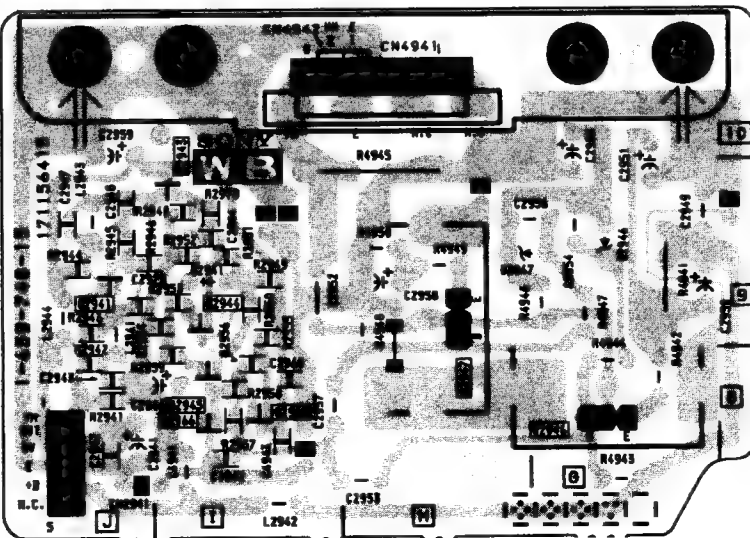
	KV-32V26	KV-32V36/34V36C 35V36/35V76 37V36M
C2231	#	0.01
C2232	#	0.047
CN2002	#	3P
D2231	#	MTZJ-T-77-10
D2232	#	MTZJ-T-77-10
D2233	#	MTZJ-T-77-10
J2232	#	S-JACK
R2059	820	#
R2060	1K	#
R2061	1.8K	#
R2062	4.7	#
R2063	10	#
R2231	#	75
R2232	#	75
R2233	#	4.7K
S2001	TACTILE-SW	#
S2002	TACTILE-SW	#
S2003	TACTILE-SW	#
S2004	TACTILE-SW	#
S2005	TACTILE-SW	#
S2006	TACTILE-SW	#
S2007	TACTILE-SW	#

#: NOT MOUNTED



WB [VELOCITY MOD.]
(KV-32V36/34V36C ONLY)

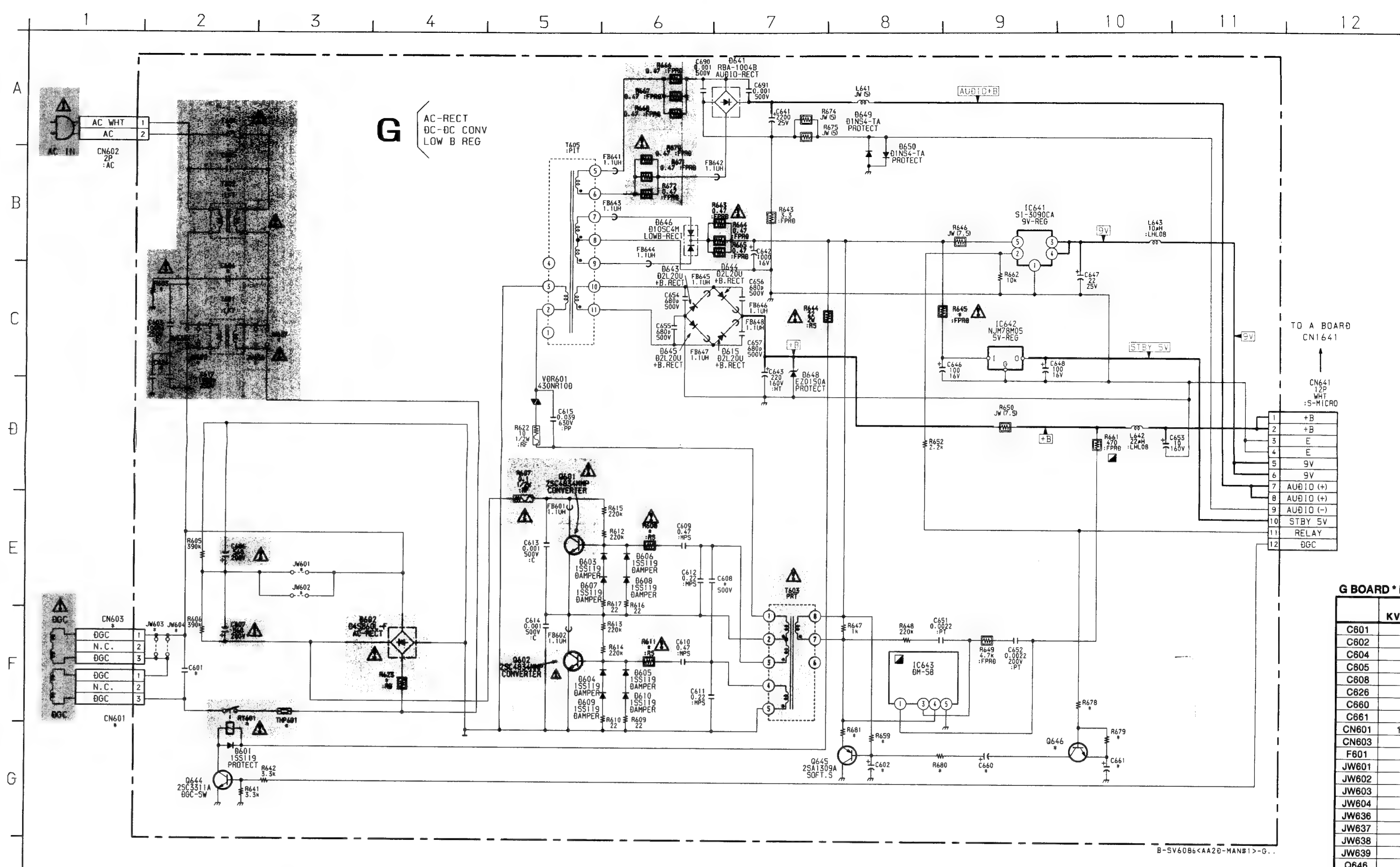
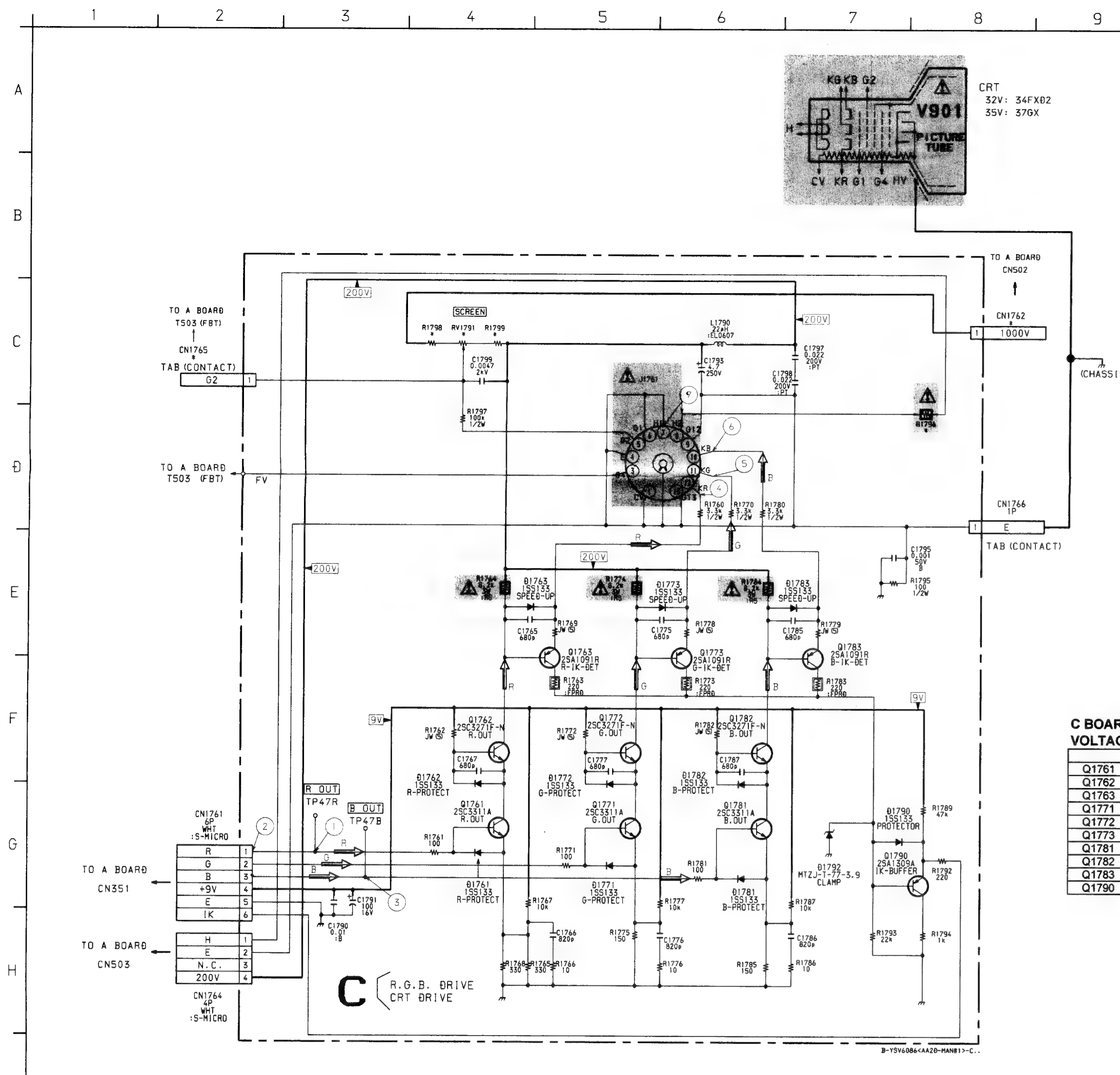
— WB BOARD —



WB BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q2943	3.1	9.0	2.4
Q2944	2.7	9.0	2.1
Q2945	2.8	5.8	2.1
Q2946	134.0	67.4	135.0
Q2947	1.8	67.4	0.5
Q2965	5.8	9.0	5.9
Q2966	5.8	GND	5.9

All voltages are in V



G BOARD TRANSISTOR VOLTAGE LIST

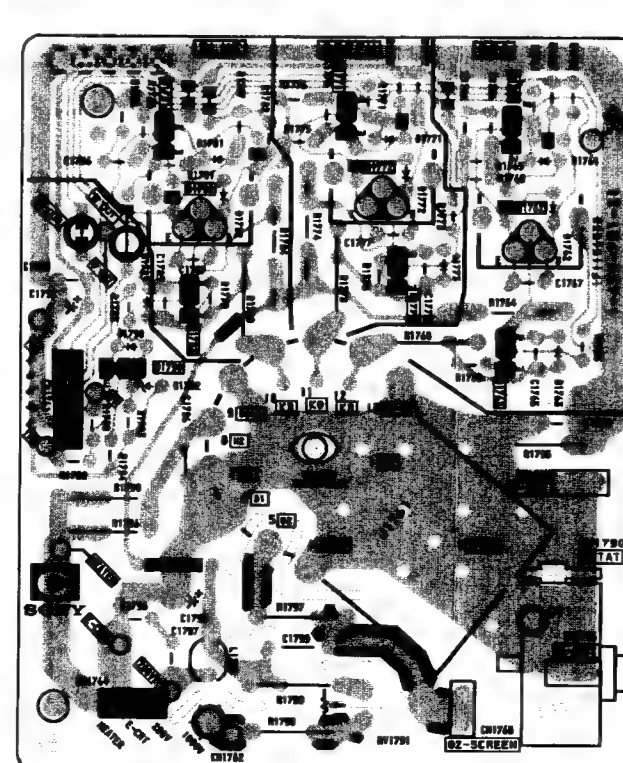
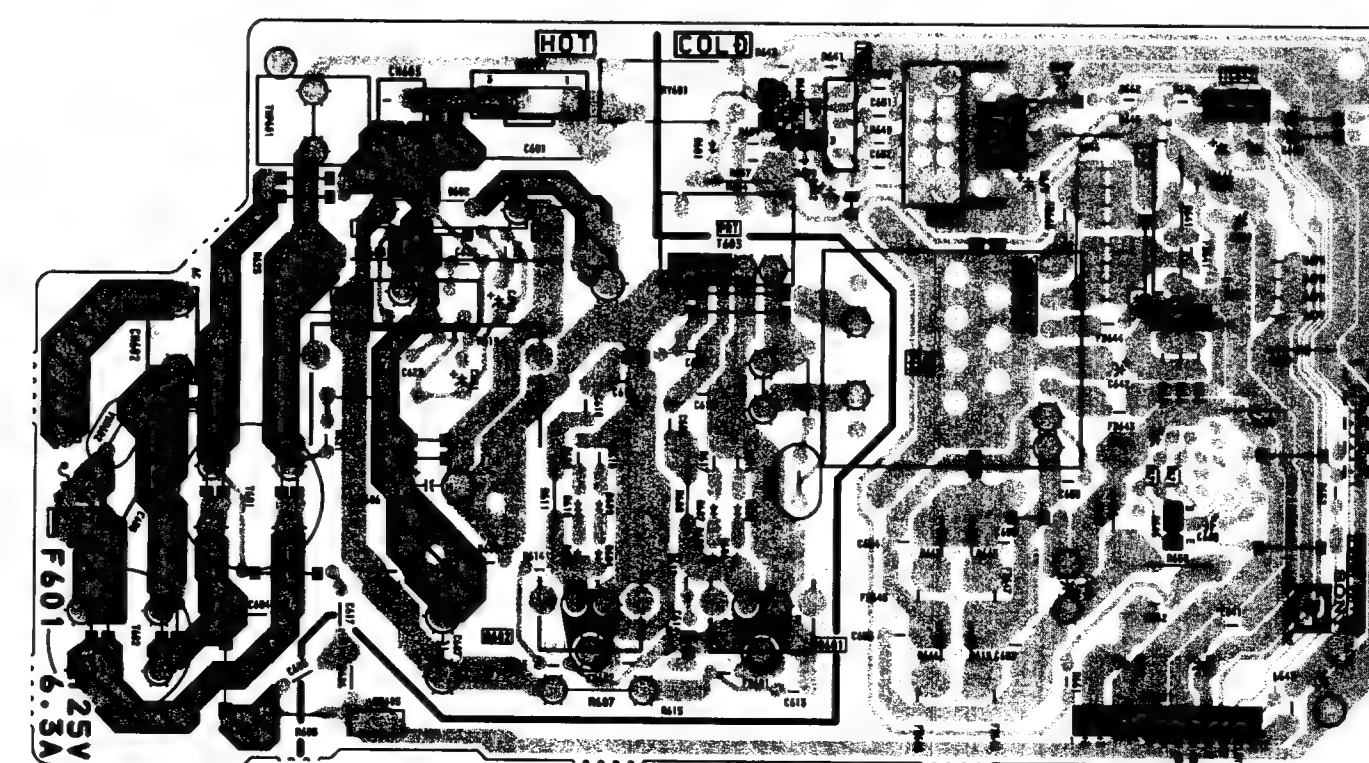
	B	C	E
Q601	145.2	294.0	147.5
Q602	-1.7	147.5	GND
Q644	0	10.5	GND

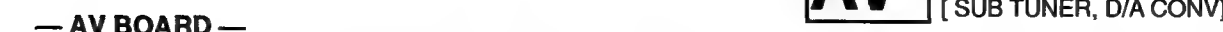
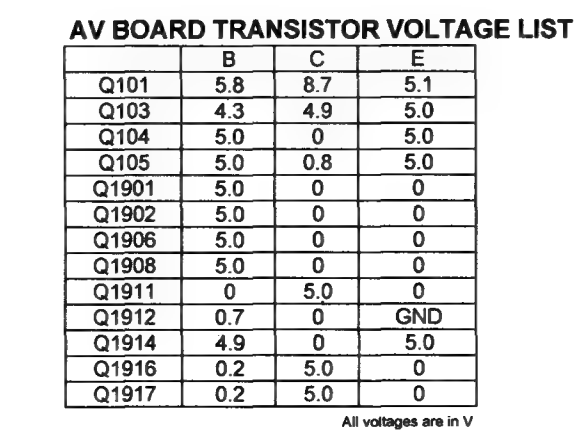
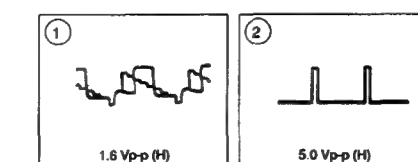
All voltages are in V

G BOARD IC VOLTAGE LIST

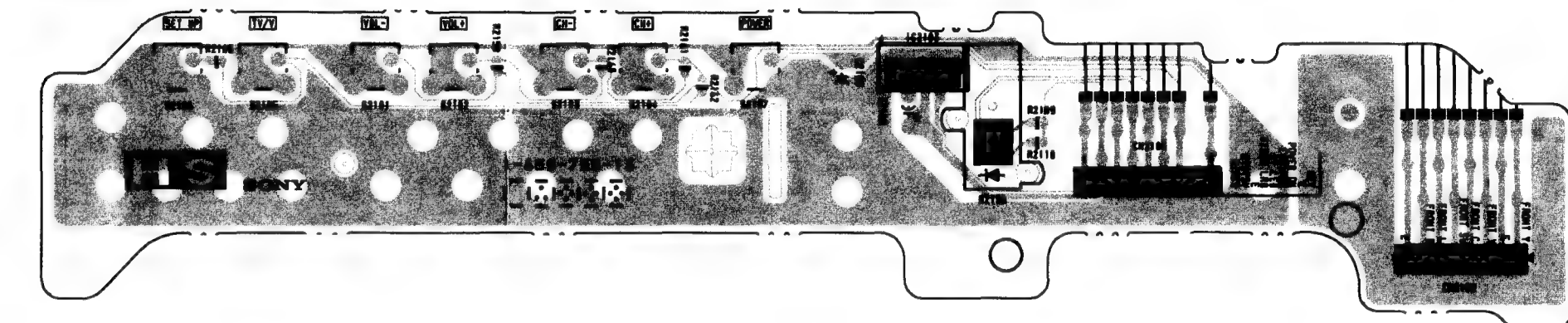
	pin	volt
IC641	1	GND
	2	3.9
	3	8.9
	4	8.9
	5	10.5
IC642	IN	9.5
	OUT	5.0
IC643	1	135
	2	NC
	3	2.5
	4	7.8
	5	GND

All voltages are in V

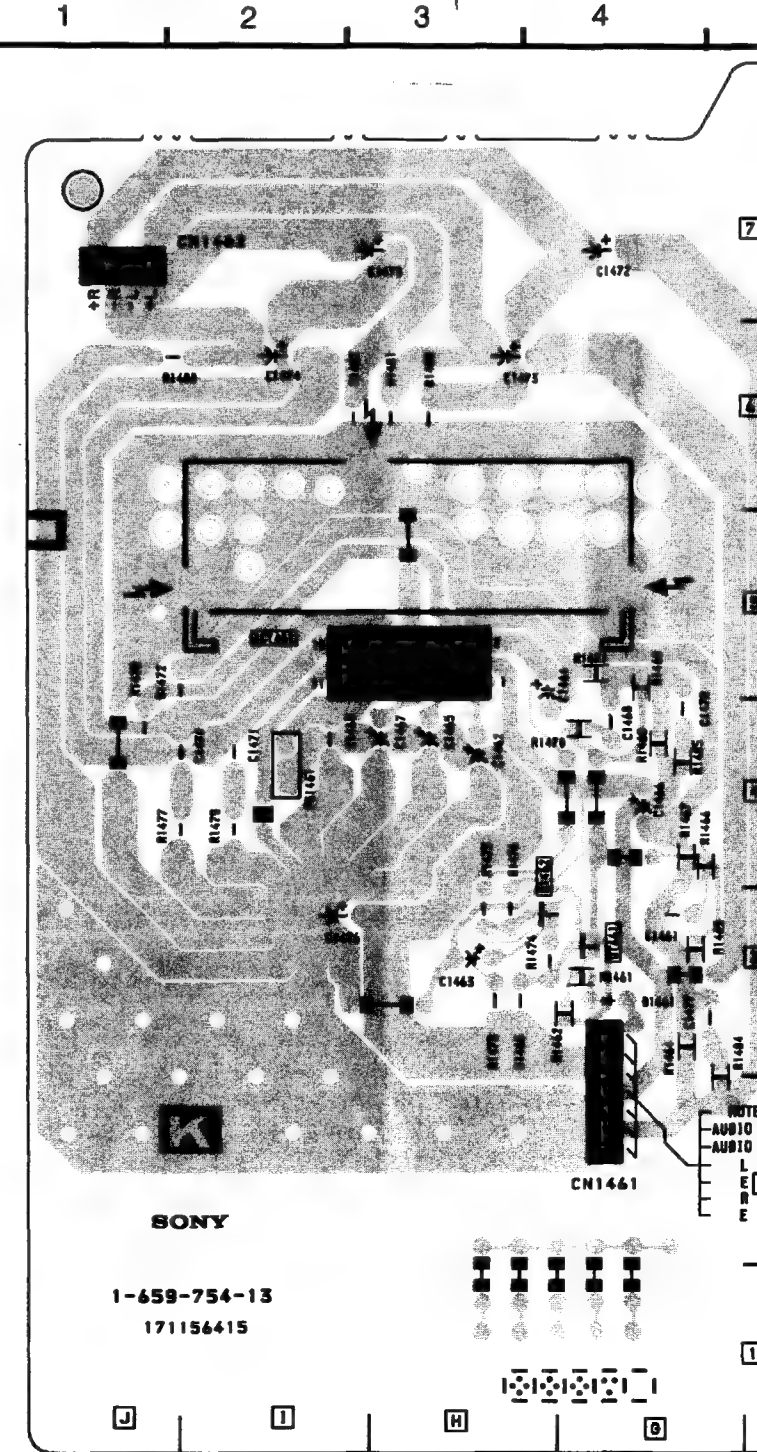




AV BOARD	
DIODE	
D101	B-5
D103	B-4
D104	B-4
IC	
IC1901	B-3
IC1902	C-3
IC1903	B-4
TRANSISTOR	
Q101	A-5
Q103	D-5
Q104	D-5
Q105	B-4
Q1901	D-3
Q1902	E-3
Q1906	D-3
Q1908	E-3
Q1911	C-4
Q1912	C-4
Q1914	C-4
Q1916	C-3
Q1917	C-3



AV BOARD * MARK LIST		
	KV-32V26	KV-32V36 34V36C/35V36 35V76/37V36M
C101	#	
C102	#	0.0022
C104	#	10
C106	#	47/25V
C108	#	100uF5V
C109	#	220F
C110	#	0.047
C111	#	1
C113	#	220V16V
CN103	#	4P
D101	#	MTZ-J-77-5.6C
D104	#	ISS133
L102	#	100H
L103	#	JWJ5
L104	#	JWJ5
L105	#	100uH
Q103	#	2SC3311A
Q104	#	2SB709A
Q105	#	2SB709A
R101	#	4.7k
R102	#	27k
R103	#	39k
R104	#	680
R106	#	22k
R107	#	22k
R108	#	22k
R109	#	22k
R112	#	2.2k
R113	#	100k
R114	#	1M
R115	#	10k
R117	#	10k
R118	#	4.7k
U101	#	RT51Aand2

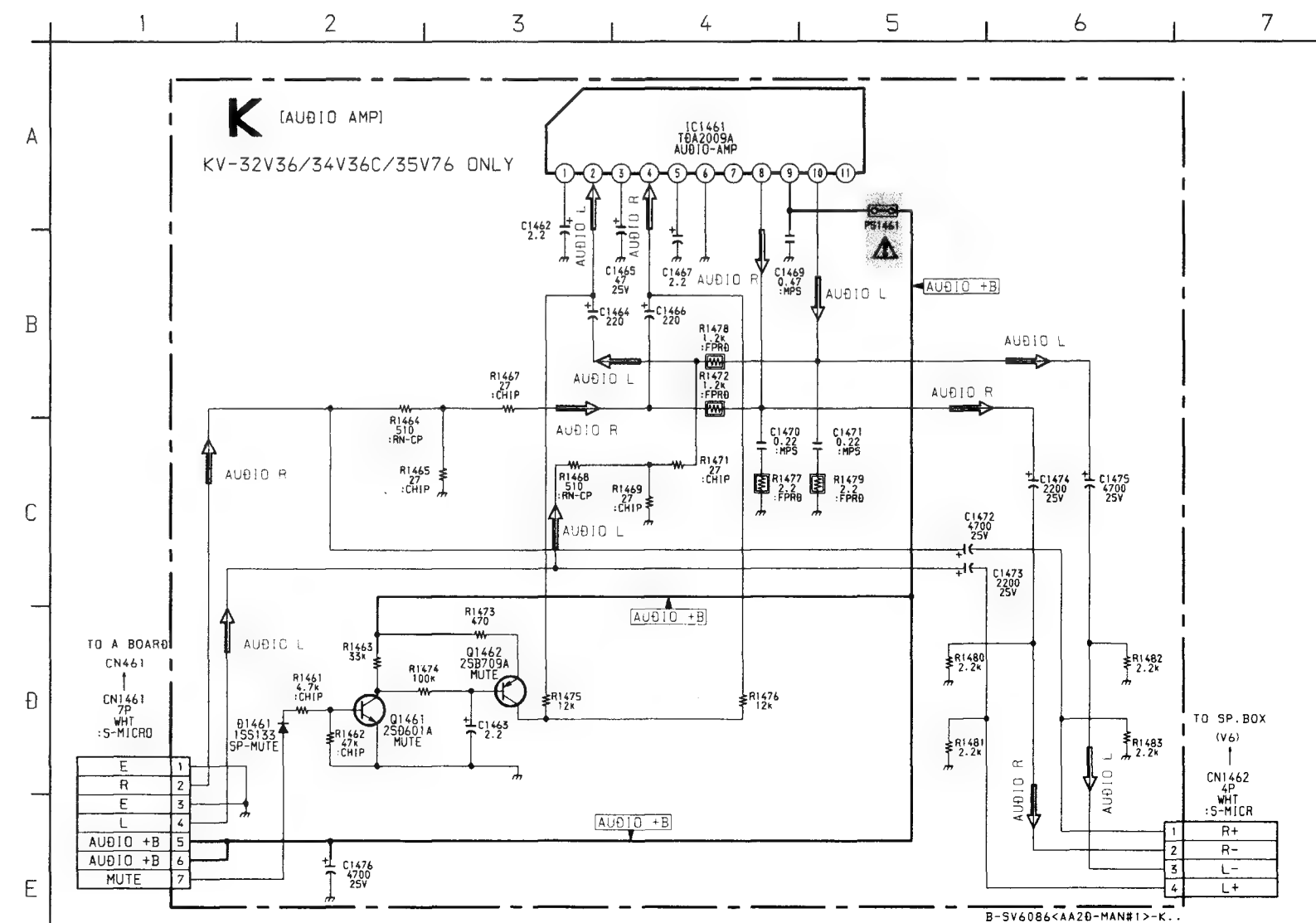
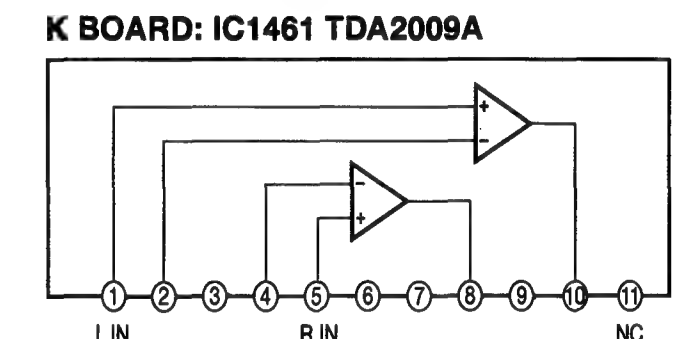


K BOARD IC VOLTAGE LIST		
IC1461	pin	volt
	1	1.5
	2	4.2
	3	12.2
	4	4.5
	5	1.5
	6	GND
	7	NC
	8	0.2
	9	22.1
	10	0.2
	11	NC

All voltages are in V

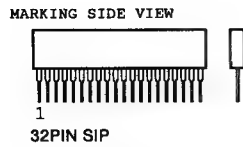
	B	C	E
Q1461	0.7	0	GND
Q1462	20.0	20.7	20.7

All voltages are in V



4-5. SEMICONDUCTORS

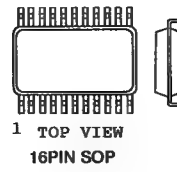
BH3856FS-E2



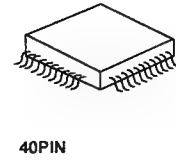
CD4052BCN



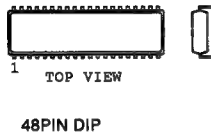
CXA1315M



CXA-2019Q-T4



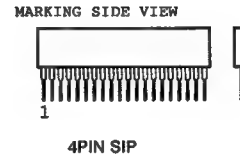
CXA2025AS



CXP85640-002S



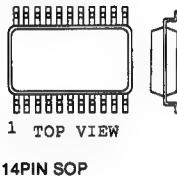
DM-58



IS474



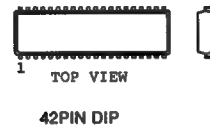
LM2901M



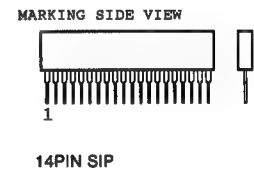
M5216P



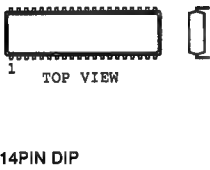
MM1313AD



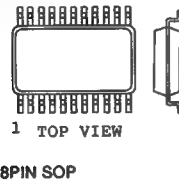
NJM2129M-TE2



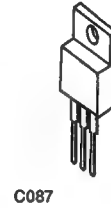
NJM2902M



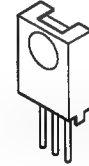
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NJM2904M
ST24CO2FM6TR
UPC4558G2



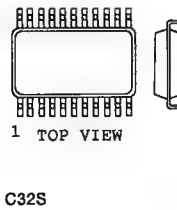
NJM78M05FA
TA7805S



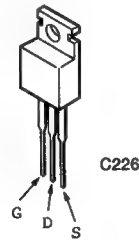
SBX1790-51



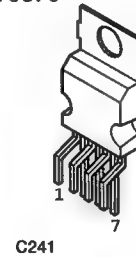
SDA9288X



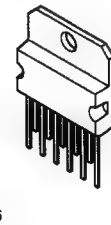
IRF614



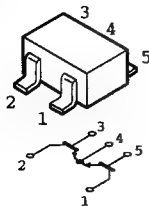
STV9379



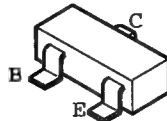
TDA2009A



FMGAT148
2SC5418



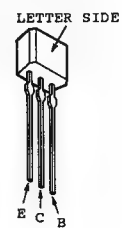
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2SA1162-G
2SA1130-06
2SD601A-Q



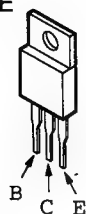
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2SA1175-HFE
2SC2785-HFE

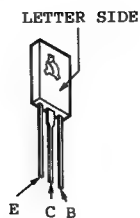


2SA1837
2SC4159-E

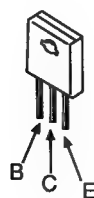


T046

2SC2611



2SC4834M



2SC3209LK



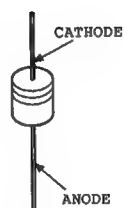
T075

D10SC4M



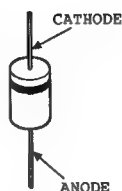
D216

D1NS4
MTZJ-3.3
MTZJ-33A
MTZJ-6.2B
MTZJ-7.5B
RD10ESB2
RD39ES-B2
RD5.6ESB2
1SS19-25



D026

D2L2OU
EL1Z
EZ0150AV1
GP08D
MTZJ-T-77-3.9
RGP02-17EL-6433



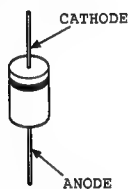
D032

D4SB60L
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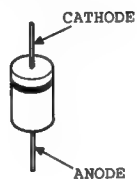
D029

ERC06-15S
ISSI33T-77



D030

ERD29-08J



D095

SECTION 5 EXPLODED VIEWS

• Items with no part number and no description are not stocked because they are seldom required for routine service.

• The construction parts of an assembled part are indicated with a collation number in the remark column.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

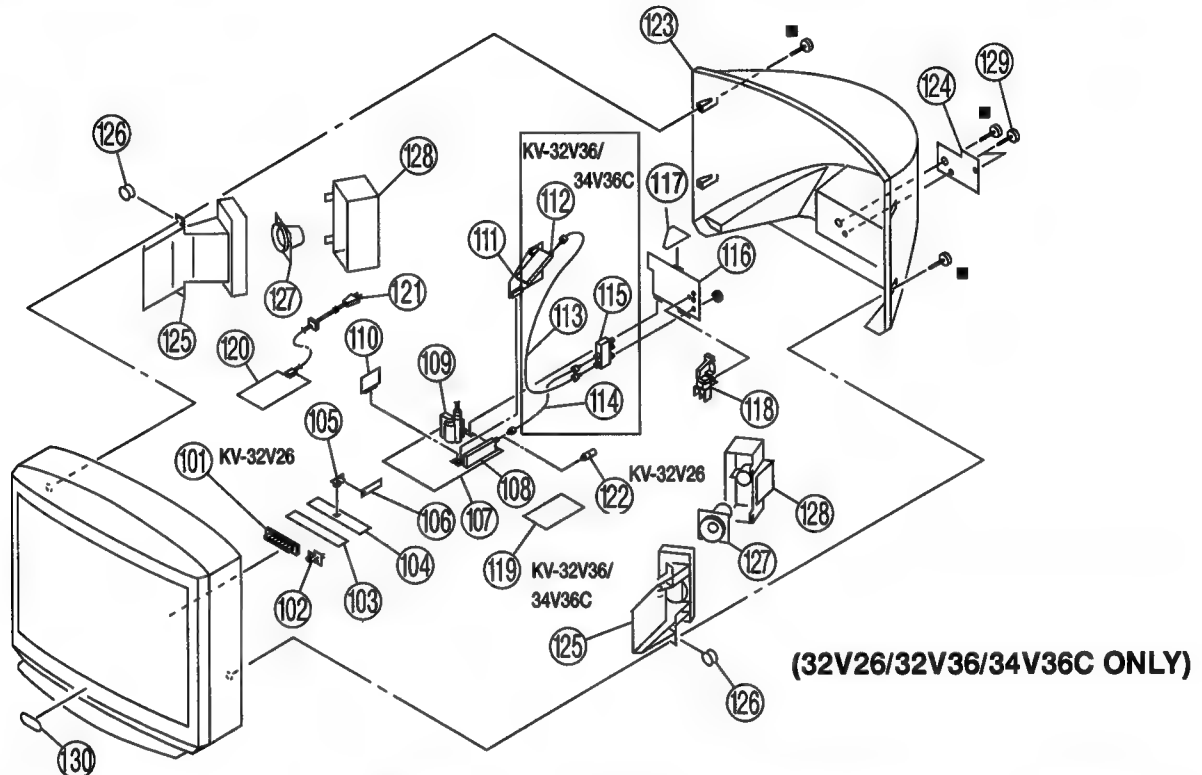
The components identified by shading and mark **Δ** are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque **Δ** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CHASSIS (32V26/32V36/34V36C ONLY)

■ 7-685-663-71 SCREW +BVTP 4X16



REF.NO.	PART NO.	DESCRIPTION	REMARK
101	4-052-907-01	BUTTON, MULTI (KV-32V26)	
102	* 4-052-897-01	GUIDE, LED	
103	* A-1372-325-A	HV BOARD, COMPLETE (KV-32V26)	
103	* A-1372-330-A	HV BOARD, COMPLETE (KV-32V36/34V36C)	
104	* A-1372-326-A	HS BOARD	
105	* 3-696-606-02	HINGE, VI	
106	* 1-659-757-11	SA BOARD	
107	* A-1298-062-A	A BOARD, COMPLETE (KV-32V26)	
107	* A-1298-082-A	A BOARD, COMPLETE (KV-32V36/34V36C)	
108	Δ 8-598-340-00	TUNER BTf-WA404	
109	Δ 1-453-207-11	TRANSFORMER ASSY, FLYBACK (NX-2609)	
110	* A-1195-115-A	P BOARD, COMPLETE	
111	* A-1297-720-A	AV BOARD, COMPLETE (KV-32V36/34V36C)	
111	* A-1297-850-A	AV BOARD, COMPLETE (KV-32V26)	
112	Δ 8-598-339-00	TUNER BTf-LA402 (KV-32V36/34V36C)	
113	* 1-557-056-31	CABLE, P-P (KV-32V36/34V36C)	
114	* 1-556-945-21	CABLE, P-P (KV-32V36/34V36C)	
115	8-598-414-00	SWITCH, ANTENNA AS-2F (KV-32V36/34V36C)	
116	* A-1394-846-A	UV BOARD, COMPLETE (KV-32V36/34V36C)	
116	* A-1394-844-A	UV BOARD, COMPLETE (KV-32V26)	

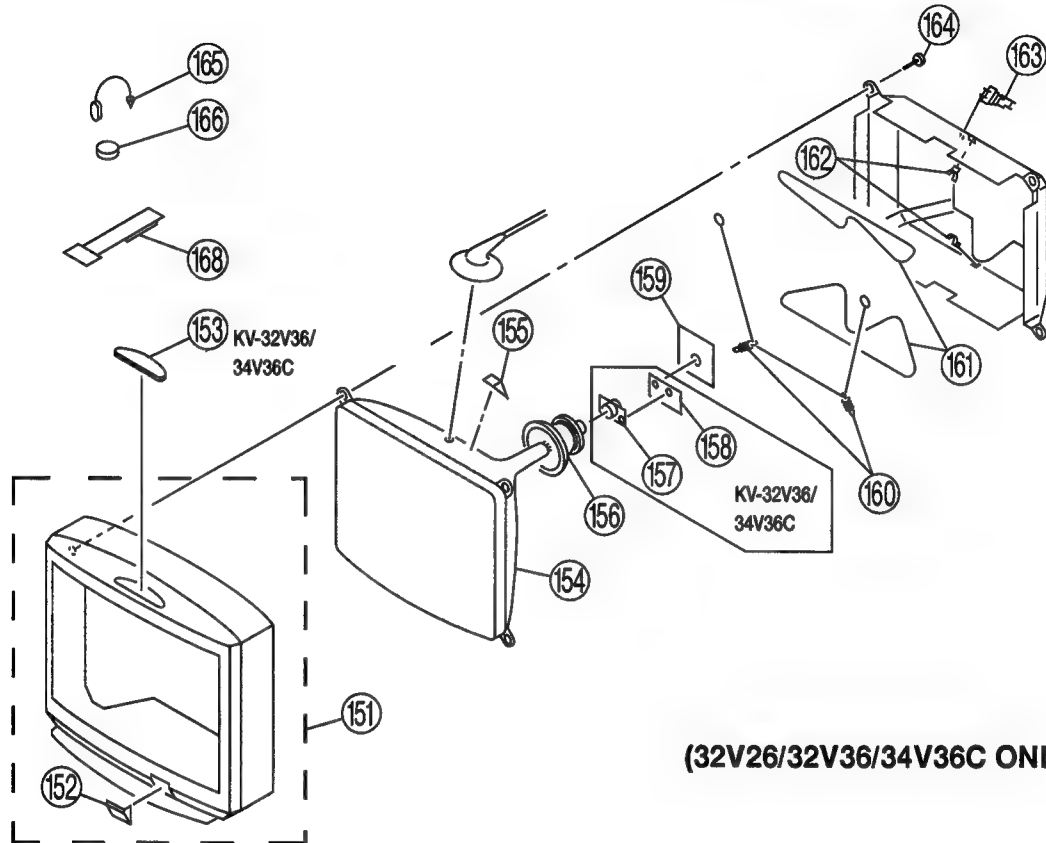
REF.NO.	PART NO.	DESCRIPTION	REMARK
117	* A-1390-585-A	SC BOARD, COMPLETE	
118	* 4-052-905-01	BRACKET, V5/6 (KV-32V36/34V36C)	
119	* A-1380-518-A	K BOARD, COMPLETE (KV-32V36/34V36C)	
120	* A-1316-252-A	G BOARD, COMPLETE (KV-34V36C)	
120	* A-1316-261-A	G BOARD, COMPLETE (KV-32V26/34V36C)	
121	Δ 1-751-059-11	CORD POWER (WITH CONNECTOR) (KV-32V26/32V36)	
121	Δ 1-769-796-41	CORD POWER (WITH CONNECTOR) (KV-34V36C)	
122	1-766-374-11	PLUG, F-PIN (KV-32V26)	
123	4-053-766-11	COVER, REAR	
124	4-052-898-11	LABEL, TERMINAL (KV-32V36/34V36C)	
124	4-052-899-11	LABEL, TERMINAL (KV-32V26)	
125	4-043-457-11	BAFFLE, SPEAKER	
126	4-374-745-31	CUSHION (A)	
127	1-504-524-11	SPEAKER (8CM) (KV-32V26)	
127	1-505-326-11	SPEAKER (8CM) (KV-32V36/34V36C)	
128	X-4032-226-1	COVER ASSY, SPEAKER (KV-32V26)	
128	X-4033-616-1	COVER ASSY, SPEAKER (KV-32V36/34V36C)	
129	4-041-165-01	SCREW (3X12) TAPPING, +BV	
130	4-046-160-01	EMBLEM (NO.9), SONY	

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-2. PICTURE TUBE (32V26/32V36/34V36C ONLY)**(32V26/32V36/34V36C ONLY)**

REF.NO.	PART NO.	DESCRIPTION	REMARK
151	X-4034-596-1	BEZNET ASSY (KV-32V26)	152
151	X-4033-597-1	BEZNET ASSY (KV-32V36/34V36C)	152
152	4-052-906-21	DOOR, CONTROL (KV-32V26)	
152	4-052-906-51	DOOR, CONTROL (KV-32V36/34V36C)	
153	1-473-549-11	SWITCH BLOCK, CONTROL (KV-32V36/34V36C)	
154 Δ	8-733-745-05	CRT34FXD2 (M80JYV51X) (KV-32V26/32V36)	
154 Δ	8-733-746-05	CRT34FXD2 (M80JYV51X) (KV-34V36C)	
155	4-053-005-01	SPACER, DEFLECTION YOKE	
156	8-451-482-21	DEFLECTION YOKE (Y34FXA2-X)	
157 Δ	1-452-579-21	NECK ASSY, CRT (NA322) (KV-34V36C)	

REF.NO.	PART NO.	DESCRIPTION	REMARK
158 *	A-1372-225-A	WB BOARD, COMPLETE (KV-32V36/34V36C)	
159 *	A-1331-549-A	C BOARD, COMPLETE	
160	4-036-329-01	SPRING (B), TENSION	
161 Δ	1-402-952-11	COIL DEMAGNETIC (KV-32V26/32V36)	
161 Δ	1-411-474-11	COIL DEMAGNETIC (KV-34V36C)	
162	4-371-629-01	STOPPER WIRE	
163	4-033-681-01	HOLDER, LEAD	
164	4-041-268-01	SCREW (7), TAPPING	
165	4-308-870-00	CLIP LEAD WIRE	
166	1-452-032-00	MAGNET, DISC	
168	4-051-737-21	PIECE A (100), CONV. CORRECT	

5-3. CHASSIS (35V36/35V76/37V36M ONLY)

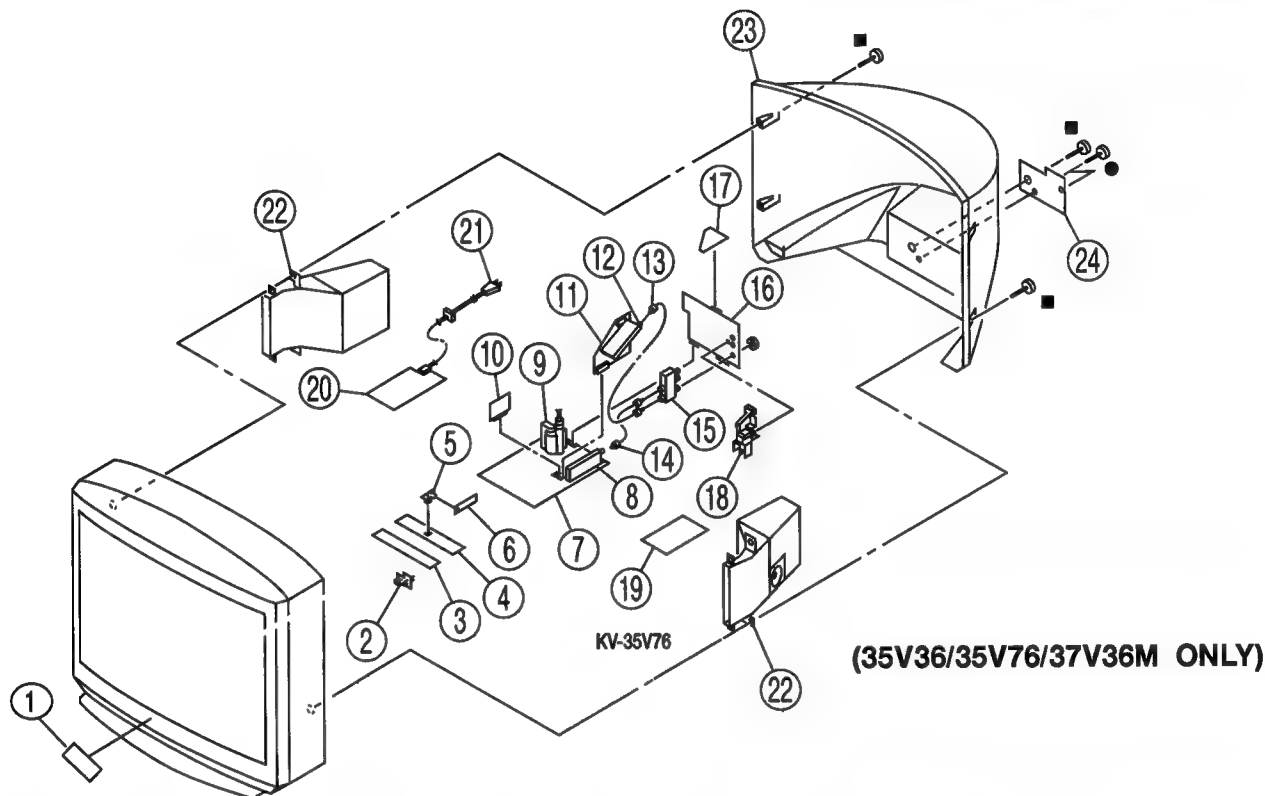
- 7-685-648-79 SCREW +BVTP 3X12
- 7-685-663-71 SCREW +BVTP 4X16

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
1	4-046-160-01	EMBLEM (NO. 9) SONY	
2 *	4-052-897-01	GUIDE, LED	
3 *	A-1372-330-A	HV BOARD, COMPLETE	
4 *	A-1372-326-A	HS BOARD, COMPLETE	
5 *	3-696-606-02	HINGE, VI	
6	1-659-757-13	SA BOARD	
7 *	A-1298-087-A	A BOARD, COMPLETE (KV-35V36/37V36M)	
7 *	A-1298-088-A	A BOARD, COMPLETE (KV-35V76)	
8 Δ	8-598-340-00	TUNER BTF-WA404	
9 Δ	1-453-126-11	TRANSFORMER ASSY, FLYBACK (NX-300A3)	(KV-35V36/35V76)
9 Δ	1-439-50-11	TRANSFORMER ASSY, FLYBACK (NX-3001)	(KV-37V36M)
10 *	A-1195-115-A	P BOARD, COMPLETE	
11 *	A-1297-720-A	AV BOARD, COMPLETE	
12 Δ	8-598-339-00	TUNER BTF-LA402	

REF.NO.	PART NO.	DESCRIPTION	REMARK
13 *	1-557-056-31	CABLE, P-P	
14 *	1-556-945-21	CABLE, P-P	
15	8-598-414-00	ANTENNA SWITCH AS-2F	
16 *	A-1394-846-A	UV BOARD, COMPLETE (KV-35V76)	
16 *	A-1394-847-A	UV BOARD, COMPLETE (KV-35V36/37V36M)	
17 *	A-1390-585-A	SC BOARD, COMPLETE	
18 *	4-052-905-01	BRACKET, V5/6	
19 *	A-1380-518-A	K BOARD, COMPLETE (KV-35V76)	
20 *	A-1316-262-A	G BOARD, COMPLETE	
21	1-751-059-11	CORD, POWER (WITH CONNECTOR) 10A/125V	
22	1-505-684-11	SPEAKER UNIT, BOX TYPE-2 WAY	
23	4-052-903-01	COVER, REAR	
24	4-052-898-11	LABEL, TERMINAL (KV-35V76)	
24	4-052-899-11	LABEL, TERMINAL (KV-35V36/37V36M)	

Note:

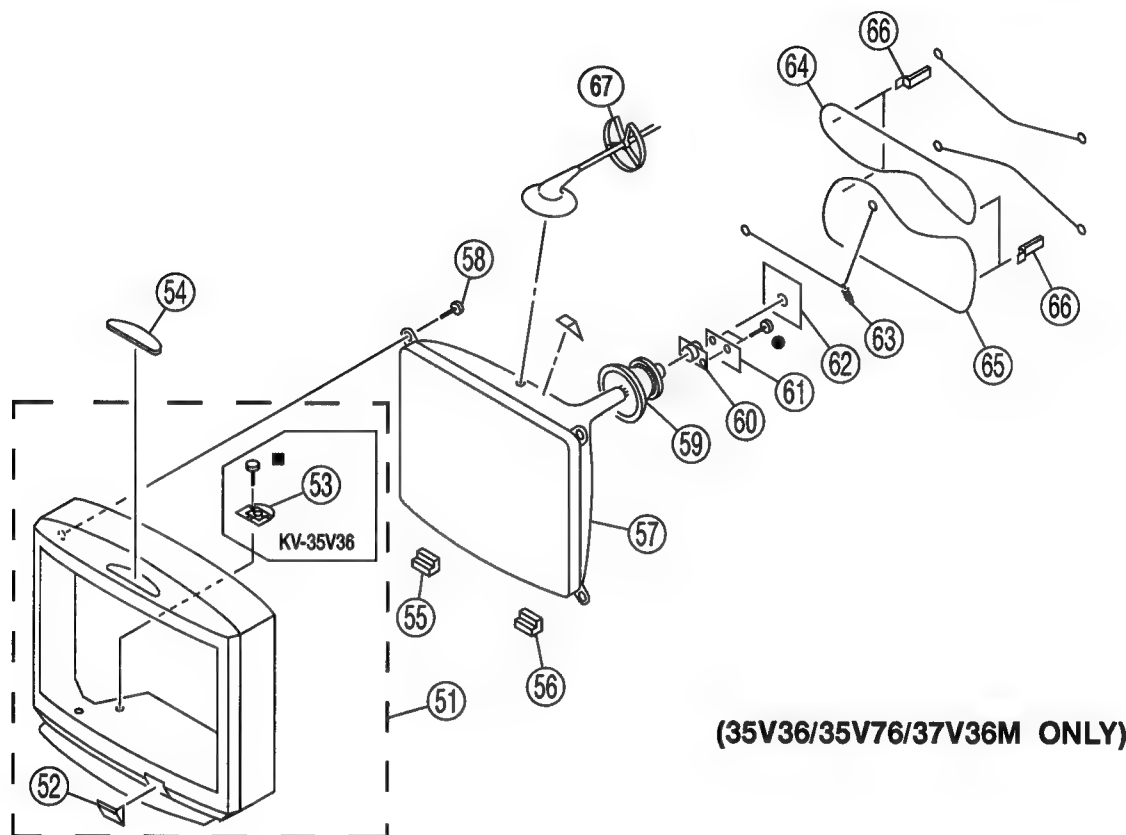
The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

5-4. PICTURE TUBE (35V36/35V76/37V36M ONLY)

- : 7-685-648-79 +BVTP 3X12
- : 7-685-663-79 +BVTP 4X16

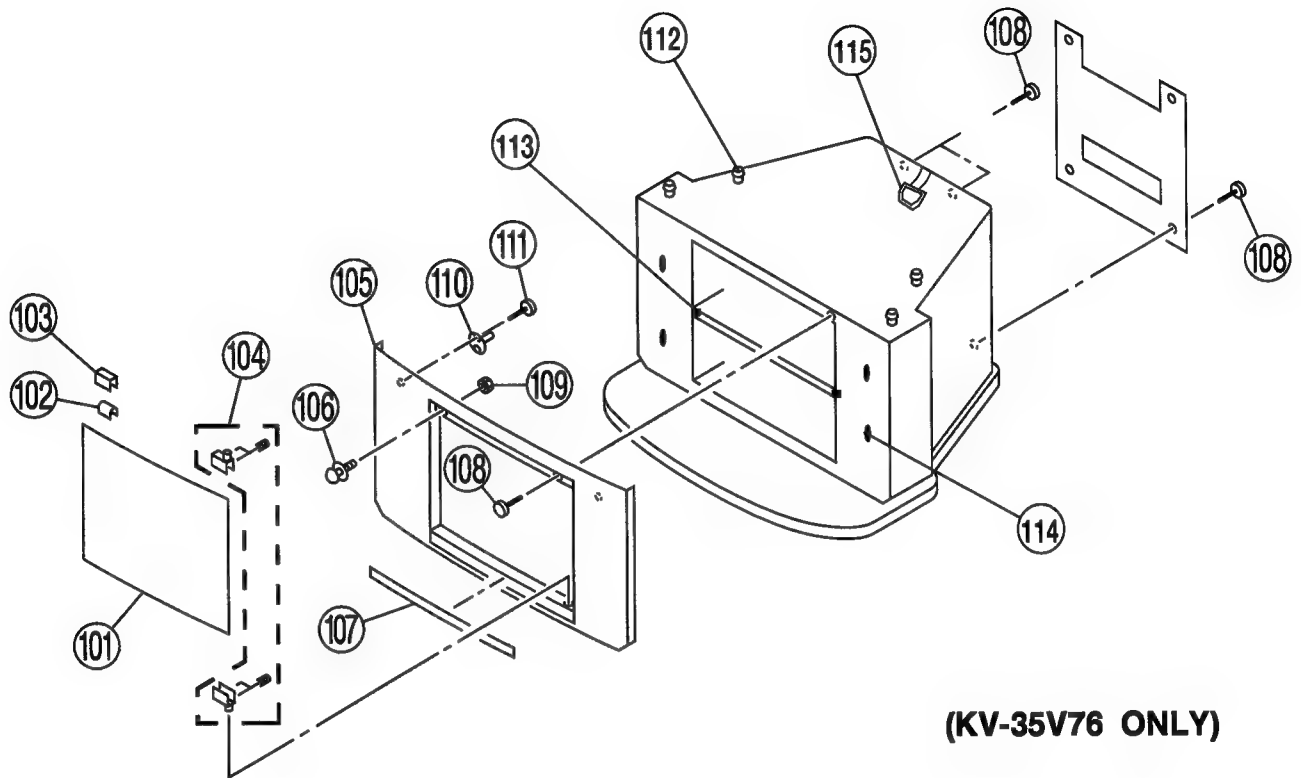
Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

**(35V36/35V76/37V36M ONLY)**

REF.NO.	PART NO.	DESCRIPTION	REMARK
51	X-4034-522-1	BEZNET ASSY (KV-35V36/37V36M)	52
51	X-4034-523-2	BEZNET ASSY (KV-35V76)	52, 53
52	4-052-906-51	DOOR, CONTROL	
53	X-4032-889-1	CLAMP ASSY (KV-35V76)	
54	1-473-549-11	SWITCH BLOCK, CONTROL	
55	4-052-902-01	CRT SUPPORT (L)	
56	4-052-901-01	CRT SUPPORT (R)	
57 Δ	8-733-760-71	ITC 37GX-A1	
58	4-046-765-01	SCREW, TAPPING	
60	8-453-007-11	NA324-M	
61 *	A-1372-211-A	WA BOARD, COMPLETE	
62 *	A-1331-522-A	C BOARD, COMPLETE	
63	4-036-329-01	SPRING (B), TENSION	
64	1-411-881-11	COIL, DEMAGNETIC	
66 *	4-052-900-01	HOLDER, DGC	
67	3-704-372-31	HOLDER, HV CABLE	

5-5. CABINET BASE (KV-35V76 ONLY)



(KV-35V76 ONLY)

<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
101	X-4033-459-1	DOOR ASSY, GLASS	
102	2-352-981-01	SPACER	
103	2-359-505-01	RETAINER, MAGNET	
104	4-041-362-01	HINGE SET	
105	4-052-922-01	COVER, FRONT	
106	4-032-322-02	MAGNET, PUSH	
107 *	4-052-919-01	PANEL, FRONT	
108	4-041-164-11	SCREW (4X20), TAPPING	
109	4-046-172-01	NUT, HEXAGON HEAD	
110	4-843-806-00	STRIKE	
111	7-685-648-79	SCREW 93X12) TAPPING +BV	
112	4-054-376-01	WASHER (4)	
113	4-041-162-01	PIN RACK (4)	
114	4-838-438-02	LATCH (4)	
115	X-4033-016-1	BUCKLE ASSY	



SECTION 7

ELECTRICAL PARTS LIST

Note:

The components identified by shading and mark **Δ** are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque **Δ** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by **Δ** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

- Items marked "Δ" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

CAPACITORS

- MF : μ F

INDUCTORS

- UH : μ H

When indicating parts by reference number, please include the board name

REF.NO.	PART NO.	DESCRIPTION	REMARK
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* A-1195-103-A P BOARD, COMPLETE

CAPACITOR

C3301	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C3302	1-164-346-11	CERAMIC CHIP	1MF		16V
C3303	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3304	1-126-960-11	ELECT	1MF	20%	50V
C3305	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3306	1-126-967-11	ELECT	47MF	20%	16V
C3307	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3308	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C3309	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C3310	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C3313	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3314	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3315	1-164-346-11	CERAMIC CHIP	1MF		16V
C3319	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C3320	1-126-960-11	ELECT	1MF	20%	50V
C3321	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C3322	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C3323	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C3324	1-126-967-11	ELECT	47MF	20%	16V
C3325	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3326	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3327	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3328	1-126-967-11	ELECT	47MF	20%	16V
C3329	1-126-967-11	ELECT	47MF	20%	16V
C3330	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C3331	1-126-967-11	ELECT	47MF	20%	16V
C3332	1-104-664-11	ELECT	47MF	20%	25V
C3333	1-164-695-11	CERAMIC CHIP	0.0022MF	5%	50V
C3334	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C3335	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3336	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3337	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C3338	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C3340	1-163-031-11	CERAMIC CHIP	0.01MF		50V

REF.NO.	PART NO.	DESCRIPTION	REMARK
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C3346	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C3347	1-126-960-11	ELECT	1MF 20% 50V
C3348	1-126-967-11	ELECT	47MF 20% 16V
C3349	1-163-121-00	CERAMIC CHIP	150PF 5% 50V
C3350	1-164-004-11	CERAMIC CHIP	0.1MF 10% 25V
C3351	1-163-251-11	CERAMIC CHIP	100PF 5% 50V

CONNECTOR

CN3301* 1-764-816-11 CONNECTOR, BOARD TO BOARD 20P

IC

IC3301	8-759-366-24	IC TDA8315T/N3A-T
IC3302	8-759-231-53	IC TA7805S
IC3303	8-759-438-61	IC SDA9288X-A141

COIL

L3301	1-408-413-00	INDUCTOR 22UH
L3302	1-410-473-11	INDUCTOR 18UH
L3303	1-408-418-00	INDUCTOR 56UH

TRANSISTOR

Q3301	8-729-422-27	TRANSISTOR 2SD601A-Q
Q3305	8-729-216-22	TRANSISTOR 2SA1162-G
Q3306	8-729-216-22	TRANSISTOR 2SA1162-G
Q3307	8-729-216-22	TRANSISTOR 2SA1162-G
Q3308	8-729-422-27	TRANSISTOR 2SD601A-Q
Q3310	8-729-422-27	TRANSISTOR 2SD601A-Q
Q3312	8-729-216-22	TRANSISTOR 2SA1162-G
Q3313	8-729-422-27	TRANSISTOR 2SD601A-Q

RESISTOR

R3301	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R3302	1-216-043-91	METAL GLAZE	560	5%	1/10W
R3303	1-216-295-91	CONDUCTOR, CHIP	(2012)		
R3304	1-216-043-91	METAL GLAZE	560	5%	1/10W
R3306	1-215-882-00	METAL OXIDE	22	5%	2W F
R3307	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3308	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R3309	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
R3310	1-216-689-11	METAL GLAZE	39K 5% 1/10W
R3311	1-216-689-11	METAL GLAZE	39K 5% 1/10W
R3312	1-216-037-00	METAL GLAZE	330 5% 1/10W
R3313	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3314	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3315	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3316	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3319	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3321	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3322	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R3323	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R3324	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R3326	1-216-037-00	METAL GLAZE	330 5% 1/10W
R3327	1-216-031-00	METAL GLAZE	180 5% 1/10W
R3328	1-216-037-00	METAL GLAZE	330 5% 1/10W
R3329	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R3330	1-216-035-00	METAL GLAZE	270 5% 1/10W
R3331	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R3332	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3337	1-216-033-00	METAL GLAZE	220 5% 1/10W
R3338	1-216-033-00	METAL GLAZE	220 5% 1/10W
R3339	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3340	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3341	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R3342	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R3343	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R3346	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R3351	1-216-295-91	CONDUCTOR, CHIP (2012)	
R3352	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R3358	1-216-047-91	METAL GLAZE	820 5% 1/10W
R3359	1-216-047-91	METAL GLAZE	820 5% 1/10W
R3360	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3361	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3362	1-216-029-00	METAL GLAZE	150 5% 1/10W
R3363	1-216-031-00	METAL GLAZE	180 5% 1/10W
R3364	1-216-035-00	METAL GLAZE	270 5% 1/10W
R3365	1-216-105-91	METAL GLAZE	220K 5% 1/10W
R3366	1-216-105-91	METAL GLAZE	220K 5% 1/10W
R3367	1-216-095-00	METAL GLAZE	82K 5% 1/10W
R3368	1-216-103-00	METAL GLAZE	180K 5% 1/10W
R3369	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R3370	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3371	1-216-095-00	METAL GLAZE	82K 5% 1/10W
R3372	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3373	1-216-035-00	METAL GLAZE	270 5% 1/10W

CRYSTAL

X3301	1-567-505-11	OSCILLATOR, CRYSTAL
X3302	1-760-095-21	VIBRATOR, CRYSTAL

REF.NO. PART NO. DESCRIPTION REMARK

AV

- * A-1297-720-A AV BOARD, COMPLETE (EXCEPT KV-32V26)
- * A-1297-850-A AV BOARD, COMPLETE (KV-32V36)

CAPACITOR

C101	1-126-960-11	ELECT	1MF	20% 50V
				(except KV-32V26)
C102	1-164-161-11	CERAMIC CHIP	0.0022MF	10% 50V
				(except KV-32V26)
C104	1-126-964-11	ELECT	10MF	20% 50V
				(except KV-32V26)
C106	1-104-664-11	ELECT	47MF	20% 25V
				(except KV-32V26)
C108	1-126-933-11	ELECT	100MF	20% 16V
				(except KV-32V26)
C109	1-163-259-91	CERAMIC CHIP	220PF	5% 50V
				(except KV-32V26)
C110	1-104-760-11	CERAMIC CHIP	0.047MF	10% 50V
				(except KV-32V26)
C111	1-126-960-11	ELECT	1MF	20% 50V
				(except KV-32V26)
C113	1-126-934-11	ELECT	220MF	20% 16V
				(except KV-32V26)
C1902	1-126-964-11	ELECT	10MF	20% 50V
C1903	1-102-129-00	CERAMIC	0.01MF	10% 50V
C1904	1-102-129-00	CERAMIC	0.01MF	10% 50V
C1905	1-126-964-11	ELECT	10MF	20% 50V
C1906	1-102-129-00	CERAMIC	0.01MF	10% 50V
C1907	1-126-964-11	ELECT	10MF	20% 50V
C1908	1-102-074-00	CERAMIC	0.001MF	10% 50V
C1909	1-102-074-00	CERAMIC	0.001MF	10% 50V
C1910	1-164-232-11	CERAMIC CHIP	0.01MF	10% 50V
C1911	1-164-232-11	CERAMIC CHIP	0.01MF	10% 50V

CONNECTOR

CN101	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P
CN102	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P
CN103	* 1-564-507-11	PLUG, CONNECTOR 4P (except KV-32V26)
CN106	* 1-564-506-11	PLUG, CONNECTOR 3P

DIODE

D101	8-719-109-89	DIODE RD5.6ESB2 (except KV-32V26)
D103	8-719-991-33	DIODE 1SS133T-77
D104	8-719-991-33	DIODE 1SS133T-77 (except KV-32V26)

IC

IC1901	8-752-058-68	IC CXA1315M
IC1902	8-759-981-61	IC LM2901M
IC1903	8-759-356-27	IC NJM2129M-TE2

AV

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
<u>COIL</u>			
L102	1-410-470-11	INDUCTOR 10UH	(except KV-32V26)
L105	1-408-421-00	INDUCTOR 100UH	(except KV-32V26)
<u>TRANSISTOR</u>			
Q101	8-729-119-78	TRANSISTOR 2SC2785-HFE	(except KV-32V26)
Q103	8-729-216-22	TRANSISTOR 2SA1162-G	(except KV-32V26)
Q104	8-729-216-22	TRANSISTOR 2SA1162-G	(except KV-32V26)
Q105	8-729-216-22	TRANSISTOR 2SA1162-G	(except KV-32V26)
Q1901	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1902	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1906	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1908	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1911	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1912	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1914	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1916	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1917	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1918	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1919	8-729-422-27	TRANSISTOR 2SD601A-Q	
<u>RESISTOR</u>			
R101	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W (except KV-32V26)
R102	1-216-083-00	METAL GLAZE 27K	5% 1/10W (except KV-32V26)
R103	1-216-689-11	METAL GLAZE 39K	5% 1/10W (except KV-32V26)
R104	1-216-045-00	METAL GLAZE 680	5% 1/10W (except KV-32V26)
R106	1-216-081-00	METAL GLAZE 22K	5% 1/10W (except KV-32V26)
R107	1-216-081-00	METAL GLAZE 22K	5% 1/10W (except KV-32V26)
R108	1-216-081-00	METAL GLAZE 22K	5% 1/10W (except KV-32V26)
R109	1-216-081-00	METAL GLAZE 22K	5% 1/10W (except KV-32V26)
R112	1-249-421-11	CARBON 2.2K	5% 1/4W (except KV-32V26)
R113	1-216-097-91	METAL GLAZE 100K	5% 1/10W (except KV-32V26)
R114	1-216-121-91	METAL GLAZE 1M	5% 1/10W (except KV-32V26)
R115	1-216-073-00	METAL GLAZE 10K	5% 1/10W (except KV-32V26)
R116	1-216-073-00	METAL GLAZE 10K	5% 1/10W (except KV-32V26)
R117	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W (except KV-32V26)
R1904	1-216-073-00	METAL GLAZE 10K	5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R1905	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1906	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1907	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R1908	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1909	1-216-041-00	METAL GLAZE 470	5% 1/10W
R1910	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1911	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1915	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1916	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1922	1-216-043-91	METAL GLAZE 560	5% 1/10W
R1923	1-216-043-91	METAL GLAZE 560	5% 1/10W
R1928	1-216-041-00	METAL GLAZE 470	5% 1/10W
R1929	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R1930	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1931	1-216-025-91	METAL GLAZE 100	5% 1/10W
R1932	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1934	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R1935	1-216-295-91	CONDUCTOR, CHIP (2012)	
R1936	1-208-804-11	METAL GLAZE 8.2K	0.50% 1/10W
R1937	1-208-790-11	METAL GLAZE 2.2K	0.50% 1/10W
R1940	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R2901	1-208-808-11	METAL GLAZE 12K	0.50% 1/10W
R2903	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R2904	1-216-033-00	METAL GLAZE 220	5% 1/10W
R2905	1-216-033-00	METAL GLAZE 220	5% 1/10W
R2906	1-216-033-00	METAL GLAZE 220	5% 1/10W
R2907	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R2908	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R2909	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R2910	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R2911	1-216-061-00	METAL GLAZE 3.3K	5% 1/10W
R2912	1-249-425-11	CARBON 4.7K	5% 1/4W
R2913	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R2914	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R2916	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R2917	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R2918	1-216-073-00	METAL GLAZE 10K	5% 1/10W
<u>TUNER</u>			
TU101 Δ	8-598-339-00	TUNER BTF-LA402	(except KV-32V26)

Note:

The components identified by shading
and mark Δ are critical for safety.
Replace only with part number specified.

Note:

Les composants identifiés par un trame et
une marque Δ sont critiques pour la
sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

A

REF.NO. PART NO. DESCRIPTION REMARK

A

- * A-1298-062-A A BOARD COMPLETE (KV-32V26)
- * A-1298-082-A A BOARD COMPLETE (KV-32V36/34V36C)
- * A-1298-087-A A BOARD COMPLETE (KV-35V36/37V36M)
- * A-1298-088-A A BOARD COMPLETE (KV-35V76)

- * 4-051-927-01 CASE, SHIELD
- 4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C001	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C003	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V
C005	1-126-960-11	ELECT	1MF	20%	50V
C009	1-126-967-11	ELECT	47MF	20%	50V
C010	1-163-033-91	CERAMIC CHIP	0.022MF		50V
C012	1-216-033-00	METAL GLAZE	220	5%	1/10W
C013	1-216-121-91	METAL GLAZE	1M	5%	1/10W
C014	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C023	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C028	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C029	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C030	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C035	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C036	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C037	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C038	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C039	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C040	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C051	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C053	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C056	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C061	1-163-033-91	CERAMIC CHIP	0.022MF		50V
C062	1-163-033-91	CERAMIC CHIP	0.022MF		50V
C063	1-126-935-11	ELECT	470MF	20%	16V
C071	1-164-096-11	CERAMIC	0.01MF		50V
C072	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C075	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
C353	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C354	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C355	1-126-959-11	ELECT	0.47MF	20%	50V
C356	1-126-963-11	ELECT	4.7MF	20%	50V
C357	1-126-959-11	ELECT	0.47MF	20%	50V
C358	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C359	1-126-933-11	ELECT	100MF	20%	16V
C363	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C364	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C365	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C366	1-137-399-11	FILM	0.1MF	5%	50V

REF.NO. PART NO. DESCRIPTION REMARK

C367	1-137-399-11	FILM	0.1MF	5%	50V
C368	1-137-399-11	FILM	0.1MF	5%	50V
C369	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C370	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C371	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C372	1-126-959-11	ELECT	0.47MF	20%	50V
C373	1-126-960-11	ELECT	1MF	20%	50V
C376	1-126-964-11	ELECT	10MF	20%	50V
C377	1-137-399-11	FILM	0.1MF	5%	50V
C378	1-136-244-11	FILM	0.1MF	5%	50V
C379	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C380	1-126-935-11	ELECT	470MF	20%	16V
C381	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C383	1-137-399-11	FILM	0.1MF	5%	50V
C385	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C386	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C387	1-126-961-11	ELECT	2.2MF	20%	50V
C388	1-126-959-11	ELECT	0.47MF	20%	50V
C390	1-126-960-11	ELECT	1MF	20%	50V
C391	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C392	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C461	1-126-964-11	ELECT	10MF	20%	50V
(KV-32V26/35V36/37V36M/35V76)					
C461	1-126-964-11	ELECT	33MF	20%	25V
(KV-32V36/34V36C)					
C462	1-126-961-11	ELECT	2.2MF	20%	50V
C463	1-126-961-11	ELECT	2.2MF	20%	50V
C464	1-163-017-00	CERAMIC CHIP	.0047MF	10%	50V
(KV-32V36/34V36C)					
C466	1-104-666-11	ELECT	220MF	20%	25V
C467	1-163-017-00	CERAMIC CHIP	.0047MF	10%	50V
(KV-32V36/34V36C)					
C468	1-104-664-11	ELECT	47MF	20%	25V
C470	1-126-961-11	ELECT	2.2MF	20%	50V
C471	1-104-666-11	ELECT	220MF	20%	25V
C472	1-136-173-00	FILM	0.47MF	5%	50V
C473	1-136-169-00	FILM	0.22MF	5%	50V
C474	1-126-942-61	ELECT	1000MF	20%	25V
C475	1-136-169-00	FILM	0.22MF	5%	50V
C476	1-126-942-61	ELECT	1000MF	20%	25V
(KV-32V36/35V36/37V36M)					
C477	1-126-942-61	ELECT	1000MF	20%	25V
(KV-32V36/35V36/37V36M)					
C478	1-126-934-11	ELECT	220MF	20%	16V
(KV-32V36/34V36C/35V76)					
C478	1-126-965-11	ELECT	22MF	20%	50V
(KV-35V36/37V36M)					
C479	1-126-964-11	ELECT	10MF	20%	50V
(KV-35V76)					
C479	1-126-961-11	ELECT	2.2MF	20%	50V
(KV-35V36/37V36M)					



Note: The components identified by shading and mark **Δ** are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un triangle et une marque **Δ** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
C501	1-102-110-00	CERAMIC	220PF 10% 50V
C502	1-126-959-11	ELECT	0.47MF 20% 50V
C503	1-163-003-11	CERAMIC CHIP	330PF 10% 50V
C504	1-102-212-00	CERAMIC	820PF 10% 500V
C505	1-102-002-00	CERAMIC	680PF 10% 500V
C506	1-106-383-00	MYLAR	0.047MF 10% 200V
C507 Δ	1-162-116-00	CERAMIC	680PF 10% 2KV
C508	1-102-244-00	CERAMIC	220PF 10% 500V
C509	1-162-116-00	CERAMIC	680PF 10% 2KV
C510	1-137-150-11	MYLAR	0.01MF 10% 100V
C511 Δ	1-115-460-11	FILM	0.022MF 3% 1.2KV
C513 Δ	1-129-720-00	FILM	0.033MF 5% 630V (KV-35V36/37V36M/35V76)
C513 Δ	1-130-895-00	FILM	0.056MF 5% 400V (KV-32V26/32V36M/34V36C)
C514 Δ	1-136-540-11	FILM	0.82MF 5% 200V (KV-35V36/37V36M/35V76)
C514 Δ	1-104-844-11	FILM	0.62MF 5% 200V (KV-32V26/32V36M/34V36C)
C515	1-106-343-00	MYLAR	0.001MF 10% 100V
C516	1-115-461-11	FILM	2MF 5% 200V
C517	1-107-649-11	ELECT	2.2MF 20% 250V
C518	1-106-395-00	MYLAR	0.15MF 10% 200V
C519	1-162-815-11	CERAMIC	47PF 5% 500V
C520	1-164-645-11	CERAMIC	1000PF 10% 500V
C521	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C522	1-126-960-11	ELECT	1MF 20% 50V
C525	1-102-244-00	CERAMIC	220PF 10% 500V
C526	1-107-662-11	ELECT	22MF 20% 250V
C527	1-162-116-00	CERAMIC	680PF 10% 2KV
C528	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C529	1-128-551-11	ELECT	22MF 20% 25V
C530	1-137-366-11	FILM	0.0022MF 5% 50V
C531	1-126-965-11	ELECT	22MF 20% 50V
C532	1-126-965-11	ELECT	22MF 20% 50V
C537	1-126-942-61	ELECT	1000MF 20% 25V (KV-35V36/37V36M/35V76)
C537	1-126-941-11	ELECT	470MF 20% 25V (KV-32V26/32V36/34V36C)
C539 Δ	1-107-914-11	ELECT	1000MF 20% 25V (KV-35V36/37V36M/35V76)
C539 Δ	1-126-935-11	ELECT	470MF 20% 16V (KV-32V26/32V36/34V36C)
C540	1-123-024-21	ELECT	33MF 160V
C541	1-128-560-11	ELECT	22MF 20% 100V
C542	1-106-383-00	MYLAR	0.047MF 10% 200V (KV-35V36/37V36M/35V76)
C543	1-162-131-11	CERAMIC	220PF 10% 2KV (KV-35V36/37V36M/35V76)
C545	1-106-387-00	MYLAR	0.068MF 10% 200V
C546	1-106-343-00	MYLAR	0.001MF 10% 100V

REF.NO.	PART NO.	DESCRIPTION	REMARK
C547	1-106-343-00	MYLAR	0.001MF 10% 100V
C551	1-163-037-11	CERAMIC CHIP	0.022MF 10% 50V
C561	1-126-967-11	ELECT	47MF 20% 50V
C563	1-126-923-11	ELECT	220MF 20% 10V
C564	1-126-960-11	ELECT	1MF 20% 50V
C565	1-126-969-11	ELECT	220MF 20% 50V
C566	1-126-964-11	ELECT	10MF 20% 50V
C568	1-136-169-00	FILM	0.22MF 5% 50V
C571	1-104-664-11	ELECT	47MF 20% 25V (KV-32V26/32V36/34V36C)
C1002	1-126-964-11	ELECT	10MF 20% 50V
C1101	1-126-768-11	ELECT	2200MF 20% 16V
C1103	1-126-965-11	ELECT	22MF 20% 50V
C1104	1-126-967-11	ELECT	47MF 20% 16V
C1105	1-126-967-11	ELECT	47MF 20% 16V
C1106	1-126-964-11	ELECT	10MF 20% 50V
C1107	1-163-037-11	CERAMIC CHIP	0.022MF 10% 50V
C1108	1-126-960-11	ELECT	1MF 20% 50V
C1109	1-126-964-11	ELECT	10MF 20% 50V
C1110	1-163-227-11	CERAMIC CHIP	10PF 0.5PF 50V
C1111	1-163-227-11	CERAMIC CHIP	10PF 0.5PF 50V
C1112	1-163-227-11	CERAMIC CHIP	10PF 0.5PF 50V
C1244	1-126-959-11	ELECT	0.47MF 20% 50V
C1245	1-126-959-11	ELECT	0.47MF 20% 50V
C1351	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C1352	1-126-933-11	ELECT	100MF 20% 16V
C1353	1-163-037-11	CERAMIC CHIP	0.022MF 10% 50V
C1354	1-216-295-91	CONDUCTOR, CHIP	(2012)
C1401	1-126-959-11	ELECT	0.47MF 20% 50V
C1402	1-126-964-11	ELECT	10MF 20% 50V
C1403	1-126-959-11	ELECT	0.47MF 20% 50V
C1404	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C1405	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C1406	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C1407	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C1408	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V (KV-32V26/35V36/35V76/37V36M)
C1408	1-164-182-11	CERAMIC CHIP	0.0033MF 10% 50V (KV-32V36/34V36C)
C1409	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V (KV-32V26/35V36/35V76/37V36M)
C1409	1-164-182-11	CERAMIC CHIP	0.0033MF 10% 50V (KV-32V36/34V36C)
C1410	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V (KV-32V26/35V36/35V76/37V36M)
C1410	1-164-182-11	CERAMIC CHIP	0.0033MF 10% 50V (KV-32V36/34V36C)
C1411	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V (KV-32V26/35V36/35V76/37V36M)
C1408	1-164-182-11	CERAMIC CHIP	0.0033MF 10% 50V (KV-32V36/34V36C)

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

A

REF.NO.	PART NO.	DESCRIPTION	REMARK
C1412	1-126-961-11	ELECT 2.2MF 20% 50V	
C1413	1-126-961-11	ELECT 2.2MF 20% 50V	
C1414	1-164-489-11	CERAMIC CHIP 0.22MF 10% 16V	
C1415	1-126-965-11	ELECT 22MF 20% 50V	
C1416	1-126-933-11	ELECT 100MF 20% 16V	
C1417	1-126-767-11	ELECT 1000MF 20% 16V	
C1420	1-164-005-11	CERAMIC CHIP 0.47MF 25V	
C1501	1-115-462-11	FILM 0.12MF 5% 200V	

(KV-32V26/32V36/34V36C)

CONNECTOR

CN270	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P	
CN271	1-573-978-21	CONNECTOR, BOARD TO BOARD 11P	
CN351	* 1-564-509-11	PLUG, CONNECTOR 6P	
CN461	* 1-564-510-11	PLUG, CONNECTOR 7P (KV-32V36/34V36C/35V76)	
CN461	* 1-564-507-11	PLUG, CONNECTOR 4P (KV-32V26/35V36/37V36M)	
CN501	* 1-580-798-11	CONNECTOR PIN (DY) 6P	
CN502	* 1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
		(KV-35V36/37V36M/35V76)	
CN503	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN1001	* 1-564-512-11	PLUG, CONNECTOR 9P	
CN1101	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P	
CN1103	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P	
CN1231	1-564-511-11	PLUG, CONNECTOR 8P	
CN1641	* 1-564-515-11	PLUG, CONNECTOR 12P	
CN1941	1-564-511-11	PLUG, CONNECTOR 8P (KV-35V36/37V36M/35V76)	
CN1941	1-564-508-11	PLUG, CONNECTOR 5P (KV-32V36/34V36C)	

CN3001	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P	
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DIODE

D001	8-719-991-33	DIODE 1SS133T-77	
D002	8-719-109-89	DIODE RD5.6ESB2	
D003	8-719-991-33	DIODE 1SS133T-77	
D004	8-719-110-17	DIODE RD10ESB2	
D011	8-719-983-14	DIODE MTZJ-T-77-3.9	

D013	8-719-991-33	DIODE 1SS133T-77	
D014	8-719-991-33	DIODE 1SS133T-77	
D015	8-719-991-33	DIODE 1SS133T-77	
D353	8-719-991-33	DIODE 1SS133T-77	
D356	8-719-991-33	DIODE 1SS133T-77	

D360	8-719-110-17	DIODE RD10ESB2	
D362	8-719-991-33	DIODE 1SS133T-77	
D368	8-719-991-33	DIODE 1SS133T-77	
D462	8-719-991-33	DIODE 1SS133T-77	
D501	8-719-109-89	DIODE RD5.6ESB2	

D502	8-719-945-80	DIODE ERC06-15S	
D503	8-719-945-80	DIODE ERC06-15S	
D504	8-719-900-26	DIODE ERD29-08J	
D505	8-719-908-03	DIODE GP08D	
D506	8-719-908-03	DIODE GP08D	

REF.NO.	PART NO.	DESCRIPTION	REMARK
D507	8-719-991-33	DIODE 1SS133T-77	
D515	8-719-302-43	DIODE EL1Z	
D516	8-719-991-33	DIODE 1SS133T-77	
D518	8-719-991-33	DIODE 1SS133T-77	
D519	Δ 8-719-302-43	DIODE EL1Z	
D520	8-719-991-33	DIODE 1SS133T-77	
D521	8-719-921-63	DIODE MTZJ-7.5B	
D530	8-719-979-85	DIODE EGP20G	
D531	8-719-979-85	DIODE EGP20G	
D534	8-719-302-43	DIODE EL1Z	

D535	8-719-028-72	DIODE RGP02-17PKG23	
		(KV-35V36/37V36M/35V76)	

D561	8-719-908-03	DIODE GP08D	
D562	8-719-991-33	DIODE 1SS133T-77	
D1102	8-719-982-24	DIODE MTZJ-33A	
D1103	8-719-109-89	DIODE RD5.6ESB2	

D1248	8-719-981-99	DIODE MTZJ-3.3	
D1263	8-719-110-17	DIODE RD10ESB2	
D1264	8-719-110-17	DIODE RD10ESB2	

FERRITE BEAD

FB501	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
FB502	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB503	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH

IC

IC001	8-752-880-88	IC CXP85840-002S	
IC002	8-759-354-28	IC ST24C02FM6TR	
IC351	8-752-076-76	IC CXA2025AS	
IC461	8-759-980-43	IC TDA2009A	
IC501	8-759-700-07	IC NJM2903M	

IC561	8-759-192-71	IC STV9379	(KV-35V36/37V36M/35V76)
IC561	8-759-980-58	IC STV9379	(KV-32V26/32V36/34V36C)
IC1001	8-752-058-68	IC CXA1315M	
IC1401	8-759-369-39	IC BH3856FS-E2	
IC1402	8-759-100-96	IC UPC4558G2	

CHIP CONDUCTOR

JR001	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR164	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR165	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR240	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR501	1-216-295-91	CONDUCTOR, CHIP	(2012)
		(KV-32V26/32V36/34V36C)	

JR1351	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR1352	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR4101	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR4108	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR4110	1-216-295-91	CONDUCTOR, CHIP	(2012)



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
JR4114	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR4116	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR4120	1-216-295-91	CONDUCTOR, CHIP (2012)	
COIL			
L001	1-408-421-00	INDUCTOR 100UH	
L002	1-408-421-00	INDUCTOR 100UH	
L003	1-410-470-11	INDUCTOR 10UH	
L004	1-410-470-11	INDUCTOR 10UH	
L352	1-412-537-31	INDUCTOR 100UH	
L461	1-408-424-00	INDUCTOR 180UH	(KV-35V76)
L461	1-408-425-00	INDUCTOR 220UH	(KV-35V36/37V36M)
L461	1-408-418-00	INDUCTOR 56UH	(KV-32V36/34V36C)
L461	1-410-472-41	INDUCTOR 15UH	(KV-32V26)
L501 Δ	1-409-861-11	COIL, HORIZONTAL LINEARITY	
L502	1-412-552-11	INDUCTOR 2.2MMH	
L503	1-406-677-11	COIL, CHOKE 10MMH	
L511	1-406-607-11	COIL, CHOKE 15MMH	
L517	1-412-552-11	INDUCTOR 2.2MMH	
L541	1-406-677-11	COIL, CHOKE 10MMH	(KV-35V36/37V36M/35V76)
L1101	1-408-421-00	INDUCTOR 100UH	
L1102	1-410-470-11	INDUCTOR 10UH	
L1401	1-410-494-11	INDUCTOR 1MMH	
IC LINK			
PS461 Δ	1-532-984-11	LINK, IC 2A/90V	
TRANSISTOR			
Q001	8-729-216-22	TRANSISTOR 2SA1162-G	
Q002	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q003	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q004	8-729-216-22	TRANSISTOR 2SA1162-G	
Q010	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q011	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q012	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q013	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q014	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q015	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q016	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q017	8-729-216-22	TRANSISTOR 2SA1162-G	
Q301	8-729-216-22	TRANSISTOR 2SA1162-G	
Q302	8-729-216-22	TRANSISTOR 2SA1162-G	
Q303	8-729-216-22	TRANSISTOR 2SA1162-G	
Q354	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q356	8-729-216-22	TRANSISTOR 2SA1162-G	
Q357	8-729-422-27	TRANSISTOR 2SD601A-Q (EXCEPT KV-32V26)	
Q358	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q461	8-729-422-27	TRANSISTOR 2SD601A-Q	

REF.NO.	PART NO.	DESCRIPTION	REMARK
Q462	8-729-216-22	TRANSISTOR 2SA1162-G	
Q501	8-729-140-50	TRANSISTOR 2SC3209LK	
Q502 Δ	8-729-035-75	TRANSISTOR 2SC5148 (LBSONY)	
Q511 Δ	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q512 Δ	8-729-809-29	TRANSISTOR 2SC4159-E	
Q551	8-729-216-22	TRANSISTOR 2SA1162-G	
Q552	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q561	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q562	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q563	8-729-105-08	TRANSISTOR 2SA1330-06	
Q1102	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1103	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1231	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q1232	8-729-422-27	TRANSISTOR 2SD601A-Q	
RESISTOR			
R001	1-216-045-00	METAL GLAZE 680 5% 1/10W	
R002	1-247-815-91	CARBON 220 5% 1/4W	
R003	1-216-097-91	METAL GLAZE 100K 5% 1/10W	
R004	1-216-121-91	METAL GLAZE 1M 5% 1/10W	
R005	1-247-815-91	CARBON 220 5% 1/4W	
R006	1-247-815-91	CARBON 220 5% 1/4W	
R007	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R008	1-247-815-91	CARBON 220 5% 1/4W	
R009	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R010	1-216-037-00	METAL GLAZE 330 5% 1/10W	
R011	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
R012	1-216-033-00	METAL GLAZE 220 5% 1/10W	
R013	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
R014	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
R015	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R016	1-216-073-00	METAL GLAZE 10K 5% 1/10W	
R019	1-249-425-11	CARBON 4.7K 5% 1/4W	
R020	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
R022	1-249-429-11	CARBON 10K 5% 1/4W	
R023	1-216-089-91	METAL GLAZE 47K 5% 1/10W	
R025	1-163-010-11	CERAMIC CHIP 0.0012MF 10% 50V	
R026	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
R028	1-249-417-11	CARBON 1K 5% 1/4W	
R029	1-216-025-91	METAL GLAZE 100 5% 1/10W	
R030	1-249-425-11	CARBON 4.7K 5% 1/4W	
R031	1-247-815-91	CARBON 220 5% 1/4W	
R032	1-247-815-91	CARBON 220 5% 1/4W	
R034	1-247-815-91	CARBON 220 5% 1/4W	
R035	1-247-815-91	CARBON 220 5% 1/4W	
R036	1-216-049-91	METAL GLAZE 1K 5% 1/10W	
R037	1-216-049-91	METAL GLAZE 1K 5% 1/10W	
R038	1-216-049-91	METAL GLAZE 1K 5% 1/10W	
R039	1-247-807-31	CARBON 100 5% 1/4W	

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
R040	1-247-815-91	CARBON	220 5% 1/4W
R041	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R042	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R043	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R045	1-247-815-91	CARBON	220 5% 1/4W
R044	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R046	1-247-815-91	CARBON	220 5% 1/4W
R047	1-249-417-11	CARBON	1K 5% 1/4W
R048	1-249-417-11	CARBON	1K 5% 1/4W
R049	1-249-417-11	CARBON	1K 5% 1/4W
R050	1-247-815-91	CARBON	220 5% 1/4W
R051	1-247-815-91	CARBON	220 5% 1/4W
R052	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R053	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R054	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R055	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R056	1-216-033-00	METAL GLAZE	220 5% 1/10W
R057	1-249-417-11	CARBON	1K 5% 1/4W
R058	1-216-033-00	METAL GLAZE	220 5% 1/10W
R064	1-247-815-91	CARBON	220 5% 1/4W
R065	1-247-815-91	CARBON	220 5% 1/4W
R066	1-247-815-91	CARBON	220 5% 1/4W
R067	1-249-413-11	CARBON	470 5% 1/4W
R068	1-247-815-91	CARBON	220 5% 1/4W
R069	1-247-815-91	CARBON	220 5% 1/4W
R070	1-247-815-91	CARBON	220 5% 1/4W
R071	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R072	1-216-033-00	METAL GLAZE	220 5% 1/10W
R073	1-216-033-00	METAL GLAZE	220 5% 1/10W
R074	1-216-033-00	METAL GLAZE	220 5% 1/10W
R075	1-216-033-00	METAL GLAZE	220 5% 1/10W
R076	1-216-033-00	METAL GLAZE	220 5% 1/10W
R077	1-216-033-00	METAL GLAZE	220 5% 1/10W
R078	1-249-417-11	CARBON	1K 5% 1/4W
R079	1-216-033-00	METAL GLAZE	220 5% 1/10W
R080	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R081	1-216-025-91	METAL GLAZE	100 5% 1/10W
R082	1-216-025-91	METAL GLAZE	100 5% 1/10W
R083	1-249-429-11	CARBON	10K 5% 1/4W
R084	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R087	1-247-815-91	CARBON	220 5% 1/4W
R090	1-216-033-00	METAL GLAZE	220 5% 1/10W
R092	1-249-429-11	CARBON	10K 5% 1/4W
R097	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R099	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R131	1-216-035-00	METAL GLAZE	270 5% 1/10W
R132	1-216-115-00	METAL GLAZE	560K 5% 1/10W
R133	1-216-039-00	METAL GLAZE	390 5% 1/10W
R135	1-216-073-00	METAL GLAZE	10K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R136	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R137	1-216-033-00	METAL GLAZE	220 5% 1/10W
R353	1-208-786-11	METAL GLAZE	1.5K 0.50% 1/10W
R354	1-216-077-00	METAL GLAZE	15K 5% 1/10W
R355	1-216-033-00	METAL GLAZE	220 5% 1/10W
R356	1-216-033-00	METAL GLAZE	220 5% 1/10W
R358	1-247-815-91	CARBON	220 5% 1/4W
R359	1-247-815-91	CARBON	220 5% 1/4W
R360	1-247-815-91	CARBON	220 5% 1/4W
R361	1-216-025-91	METAL GLAZE	100 5% 1/10W
R362	1-216-025-91	METAL GLAZE	100 5% 1/10W
R363	1-216-025-91	METAL GLAZE	100 5% 1/10W
R364	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R365	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R366	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R367	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R368	1-249-441-11	CARBON	100K 5% 1/4W
R369	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R370	1-249-417-11	CARBON	1K 5% 1/4W
(KV-32V36/34V36C/35V36/37V36M/35V76)			
R371	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
(KV-32V36/34V36C/35V36/37V36M/35V76)			
R372	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R373	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R374	1-216-125-00	METAL GLAZE	1.5M 5% 1/10W
R375	1-216-025-91	METAL GLAZE	100 5% 1/10W
R376	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R379	1-216-033-00	METAL GLAZE	220 5% 1/4W
R380	1-247-815-91	CARBON	220 5% 1/4W
R381	1-247-815-91	CARBON	220 5% 1/4W
R382	1-216-033-00	METAL GLAZE	220 5% 1/10W
R383	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R384	1-216-109-00	METAL GLAZE	330K 5% 1/10W
R385	1-249-422-11	CARBON	2.7K 5% 1/4W
R386	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R387	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R388	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R389	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
R390	1-216-035-00	METAL GLAZE	270 5% 1/10W
R391	1-208-810-11	METAL GLAZE	15K 0.50% 1/10W
R392	1-216-025-91	METAL GLAZE	100 5% 1/10W
R393	1-216-043-91	METAL GLAZE	560 5% 1/10W
R394	1-216-059-00	METAL GLAZE	2.7K 5% 1/10W
R395	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R396	1-249-417-11	CARBON	1K 5% 1/4W
(KV-32V36/34V36C/35V36/37V36M/35V76)			
R397	1-249-425-11	CARBON	4.7K 5% 1/4W
R461	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R462	1-216-089-91	METAL GLAZE	47K 5% 1/10W



Note:

The components identified by **A** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Note:

The components identified by shading and mark **Δ** are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R463	1-249-435-11	CARBON	33K 5% 1/4W
R464	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R465	1-249-413-11	CARBON	470 5% 1/4W
R466	1-249-382-11	CARBON	1.2 5% 1/4W F (KV-32V26/32V36/34V36C)
R467	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R469	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W (KV-32V36/34V36C/35V76)
R469	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W (KV-35V36/37V36M)
R469	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W (KV-32V26)
R470	1-216-077-00	METAL GLAZE	15K 5% 1/10W (KV-32V36/34V36C)
R471	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R472	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W (KV-32V36/34V36C/35V76)
R472	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W (KV-35V36/37V36M)
R472	1-216-055-00	METAL GLAZE	1.8K 5% 1/10W (KV-32V26)
R473	1-249-398-11	CARBON	27 5% 1/4W
R474	1-216-077-00	METAL GLAZE	15K 5% 1/10W (KV-32V36/34V36C)
R475	1-249-430-11	CARBON	12K 5% 1/4W
R476	1-249-430-11	CARBON	12K 5% 1/4W
R477	1-249-398-11	CARBON	27 5% 1/4W
R478	1-249-418-11	CARBON	1.2K 5% 1/4W F
R479	1-249-418-11	CARBON	1.2K 5% 1/4W F
R480	1-249-385-11	CARBON	2.2 5% 1/4W F
R481	1-249-385-11	CARBON	2.2 5% 1/4W F
R482	1-249-421-11	CARBON	2.2 5% 1/4W F (KV-32V26/35V36/37V36M)
R483	1-249-421-11	CARBON	2.2 5% 1/4W F (KV-32V26/35V36/37V36M)
R501	1-216-037-00	METAL GLAZE	330 5% 1/10W
R502	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R503	1-249-426-11	CARBON	5.6K 5% 1/4W F
R504 Δ	1-215-917-11	METAL OXIDE	1K 5% 3W F
R505	1-249-431-11	CARBON	15K 5% 1/4W
R506	1-215-861-00	METAL OXIDE	47 5% 1W F
R507	1-249-401-11	CARBON	47 5% 1/4W
R508	1-249-427-11	CARBON	6.8K 5% 1/4W
R509	1-247-750-11	CARBON	680 5% 1/2W F
R510 Δ	1-215-860-11	METAL OXIDE	33 5% 1W F
R511 Δ	1-215-886-11	METAL OXIDE	100 5% 2W F (KV-35V36/37V36M/35V76)
R511 Δ	1-215-885-00	METAL OXIDE	68 5% 2W F (KV-32V26/32V36/34V36C)
R512 Δ	1-215-886-11	METAL OXIDE	100 5% 2W F

REF.NO.	PART NO.	DESCRIPTION	REMARK
R515	1-216-083-00	METAL GLAZE	27K 5% 1/10W
R516	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R517	1-249-415-11	CARBON	680 5% 1/4W
R518	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R519	1-249-411-11	CARBON	330 5% 1/4W
R523	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W (KV-35V36/37V36M/35V76)
R523	1-216-073-00	METAL GLAZE	10K 5% 1/10W (KV-32V26/32V36/34V36C)
R524	1-249-429-11	CARBON	10K 5% 1/4W
R525	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W
R528	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R529	1-208-812-11	METAL GLAZE	18K 0.50% 1/10W (KV-35V36/37V36M/35V76)
R529	1-208-814-11	METAL GLAZE	22K 0.50% 1/10W (KV-32V26/32V36/34V36C)
Δ R530 Δ		METAL GLAZE	1/10W
Δ R531 Δ		METAL GLAZE	1/10W (KV-35V36/37V36M/35V76)
Δ R531 Δ		METAL GLAZE	1/10W (KV-32V26/32V36/34V36C)
R532	1-208-760-11	METAL GLAZE	120 0.50% 1/10W
R533 Δ	1-215-878-00	METAL OXIDE	33K 5% 1W F (KV-35V36/37V36M/35V76)
R533 Δ	1-215-902-11	METAL OXIDE	47K 5% 1W F (KV-32V26/32V36/34V36C)
R535	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R536 Δ	1-216-397-11	METAL OXIDE	4.7 5% 3W F (KV-35V36/37V36M/35V76)
R536 Δ	1-260-288-11	METAL OXIDE	4.7 5% 1/2W F (KV-32V26/32V36/34V36C)
R537 Δ	1-216-470-00	METAL OXIDE	18 5% 3W F (KV-35V36/37V36M/35V76)
R537 Δ	1-216-288-11	METAL OXIDE	47 5% 1/2W F (KV-32V26/32V36/34V36C)
R538	1-247-887-00	CARBON	220K 5% 1/4W
R541 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F (KV-35V36/37V36M/35V76)
R542 Δ	1-249-397-11	CARBON	22 5% 1/4W F (KV-35V36/37V36M/35V76)
R543	1-249-377-11	CARBON	0.47 5% 1/4W F
R546	1-215-451-00	METAL	18K 1% 1/4W (KV-35V36/37V36M/35V76)
R546	1-215-453-00	METAL	22K 1% 1/4W (KV-32V26/32V36/34V36C)
R547	1-215-457-00	METAL	33K 1% 1/4W
R548 Δ	1-215-872-11	METAL OXIDE	3.3K 5% 1W F (KV-35V36/37V36M/35V76)
R549	1-215-437-00	METAL	4.7K 1% 1/4W
R550 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
R551 Δ	1-215-873-00	METAL OXIDE	4.7K 5% 1W F
R552	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R553 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R554	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R561	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R563 Δ	1-216-351-00	METAL OXIDE	1.5 5% 1W F
R564	1-249-393-11	CARBON	10 5% 1/4W
R565 Δ	1-215-890-11	METAL OXIDE	470 5% 2W F
R566	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R567 Δ	1-249-385-11	CARBON	2.2 5% 1/4W F
R568	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R569	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R570	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R571	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R572	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R573	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R574 Δ	1-216-365-00	METAL OXIDE	0.47 5% 2W F
R575	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R576	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R577	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R578	1-208-784-11	METAL GLAZE	1.2K 0.50% 1/10W
R579	1-208-842-11	METAL GLAZE	330K 0.50% 1/10W
R580	1-249-441-11	CARBON	100K 5% 1/4W
R1001	1-247-807-31	CARBON	100 5% 1/4W
R1002	1-247-807-31	CARBON	100 5% 1/4W
R1005	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1101	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1102	1-215-900-11	METAL OXIDE	22K 5% 2W F
R1103	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W
R1104	1-216-083-00	METAL GLAZE	27K 5% 1/10W
R1105	1-216-689-11	METAL GLAZE	39K 5% 1/10W
R1106	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1107	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1108	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1109	1-216-019-00	METAL GLAZE	56 5% 1/10W
R1110	1-216-019-00	METAL GLAZE	56 5% 1/10W
R1111	1-216-019-00	METAL GLAZE	56 5% 1/10W
R1115	1-216-045-00	METAL GLAZE	680 5% 1/10W
R1117	1-249-425-11	CARBON	4.7K 5% 1/4W
R1118	1-249-425-11	CARBON	4.7K 5% 1/4W
R1120	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R1121	1-216-035-00	METAL GLAZE	270 5% 1/10W
R1122	1-216-115-00	METAL GLAZE	560K 5% 1/10W
R1123	1-216-039-00	METAL GLAZE	390 5% 1/10W
R1125	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R1126	1-216-035-00	METAL GLAZE	270 5% 1/10W
R1127	1-216-115-00	METAL GLAZE	560K 5% 1/10W
R1128	1-216-039-00	METAL GLAZE	390 5% 1/10W
R1130	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R1255	1-216-295-91	CONDUCTOR, CHIP (2012)	
R1258	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R1259	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R1260	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R1294	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1295	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1351	1-247-815-91	CARBON	220 5% 1/4W
R1352	1-247-815-91	CARBON	220 5% 1/4W
R1353	1-247-815-91	CARBON	220 5% 1/4W
R1354	1-216-033-00	METAL GLAZE	220 5% 1/10W
R1355	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1356	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1357	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1358	1-247-807-31	CARBON	100 5% 1/4W
R1359	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1360	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1361	1-216-062-00	METAL GLAZE	3.6K 5% 1/10W
R1362	1-216-295-91	CONDUCTOR, CHIP (2012)	
R1407	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1408	1-249-429-11	CARBON	10K 5% 1/4W
R1409	1-249-429-11	CARBON	10K 5% 1/4W
R1411	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1412	1-216-093-00	METAL GLAZE	68K 5% 1/10W
R1413	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1414	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1415	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1418	1-216-093-00	METAL GLAZE	68K 5% 1/10W
R1419	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1420	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1421	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1424	1-247-807-31	CARBON	100 5% 1/4W
R1425	1-247-807-31	CARBON	100 5% 1/4W

SWITCH

S501 1-572-707-11 SWITCH, LEVER

TRANSFORMER

T501 1-437-210-11 TRANSFORMER, HORIZONTAL DRIVE

T502 Δ 1-429-408-11 TRANSFORMER, FERRITE (PMT) 500uH
(KV-35V36/37V36M/35V76)

T502 Δ 1-429-545-11 TRANSFORMER, FERRITE (PMT) 400uH
(KV-32V26/32V36/34V76C)

T503 Δ 1-439-520-11 TRANSFORMER ASSY, FLYBACK (NX-3001)
(KV-35V36/37V36M/35V76)

T503 Δ 1-439-207-11 TRANSFORMER ASSY, FLYBACK (NX-A2609)
(KV-32V26/32V36/34V76C)

T504 1-413-059-00 TRANSFORMER, FERRITE (DFT)
(KV-35V36/37V36M/35V76)



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO. PART NO. DESCRIPTION REMARK

CRYSTAL

X001 1-578-774-11 VIBRATOR, CRYSTAL
X353 1-567-505-11 OSCILLATOR, CRYSTAL
X354 1-577-611-11 OSCILLATOR, CERAMIC

TUNER

TU102 Δ 8-598-340-00 TUNER BTF-WA404



- * A-1316-252-A G BOARD, COMPLETE (KV-34V36C)
- * A-1316-261-A G BOARD, COMPLETE (KV-32V26/32V36)
- * A-1316-262-A G BOARD, COMPLETE (KV-35V36C/35V76/37V36M)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C601	1-130-711-00	FILM	0.22MF	20%	250V
					(KV-35V36/35V76/37V36M)
C602	1-126-963-11	ELECT	4.7MF	20%	50V
					(KV-34V36C)
C603 Δ	1-113-915-11	CERAMIC	0.001MF	20%	250V
C604 Δ	1-136-346-21	FILM	0.22MF	20%	125V
					(KV-32V26/32V36/35V36/35V76/37V36M)
C605 Δ	1-136-346-51	FILM	0.22MF	20%	125V
					(KV-32V26/32V36/35V36/35V76/37V36M)
C605 Δ	1-136-346-61	FILM	0.22MF	20%	300V
					(KV-34V36C)
C606 Δ	1-115-388-11	ELECT	560MF	20%	200V
C607 Δ	1-115-388-11	ELECT	560MF	20%	200V
C608	1-164-625-11	CERAMIC	680PF	10%	500V
					(KV-32V26/32V36/35V36/35V76/37V36M)
C608	1-164-645-11	CERAMIC	1000PF	10%	500V
					(KV-34V36C)
C609	1-136-173-00	FILM	0.47MF	5%	50V
C610	1-136-173-00	FILM	0.47MF	5%	50V
C611	1-136-169-00	FILM	0.22MF	5%	50V
C612	1-136-169-00	FILM	0.22MF	5%	50V
C613	1-164-645-11	CERAMIC	1000PF	10%	500V
C614	1-164-645-11	CERAMIC	1000PF	10%	500V
C615	1-136-759-11	FILM	0.039MF	5%	630V
C617 Δ	1-113-915-11	CERAMIC	0.001MF	20%	250V
C626 Δ	1-113-897-11	CERAMIC	100PF	10%	250V
					(KV-34V36C)
C641	1-126-943-11	ELECT	2200MF	20%	25V
C642	1-126-767-11	ELECT	1000MF	20%	16V
C643	1-107-641-11	ELECT	220MF	20%	160V
C646	1-126-933-11	ELECT	100MF	20%	16V
C647	1-128-551-11	ELECT	22MF	20%	25V

REF.NO. PART NO. DESCRIPTION REMARK

C648	1-126-933-11	ELECT	100MF	20%	16V
C651	1-137-366-11	FILM	0.0022MF	5%	50V
C652	1-106-351-00	MYLAR	0.0022MF	99%	200V
C653	1-107-636-11	ELECT	10MF	20%	160V
C654	1-164-625-11	CERAMIC	680PF	10%	500V

C655	1-164-625-11	CERAMIC	680PF	10%	500V
C656	1-164-625-11	CERAMIC	680PF	10%	500V
C657	1-164-625-11	CERAMIC	680PF	10%	500V
C661	1-126-963-11	ELECT	4.7MF	20%	50V

(KV-32V26/32V36/35V36/35V76/37V36M)

C690	1-164-645-11	CERAMIC	1000PF	10%	500V
C691	1-164-645-11	CERAMIC	1000PF	10%	500V

CONNECTOR

CN601 * 1-573-963-11 PIN, CONNECTOR (PC BOARD) 3P
(KV-35V36/35V76/37V36M)

CN601 * 1-508-765-21 PIN, CONNECTOR (5MM PITCH) 3P
(KV-32V26/32V36/34V36C)

CN602 * 1-580-844-11 PIN, CONNECTOR (POWER) 2P

CN603 * 1-573-963-11 PIN, CONNECTOR (PC BOARD) 3P
(KV-35V36/35V76/37V36M)

CN641 * 1-564-515-11 PLUG, CONNECTOR 12P

DIODE

D601 8-719-911-19 DIODE 1SS119-25

D602 Δ 8-719-510-53 DIODE D4SB60L

D603 8-719-911-19 DIODE 1SS119-25

D604 8-719-911-19 DIODE 1SS119-25

D605 8-719-911-19 DIODE 1SS119-25

D606 8-719-911-19 DIODE 1SS119-25

D607 8-719-911-19 DIODE 1SS119-25

D608 8-719-911-19 DIODE 1SS119-25

D609 8-719-911-19 DIODE 1SS119-25

D610 8-719-911-19 DIODE 1SS119-25

D615 8-719-028-45 DIODE D2L20U

D641 8-719-052-40 DIODE RBA-1004B

D643 8-719-028-45 DIODE D2L20U

D644 8-719-028-45 DIODE D2L20U

D645 8-719-028-45 DIODE D2L20U

D646 8-719-510-12 DIODE D10SC4M

D648 8-719-057-52 DIODE EZ0150AV1

D649 8-719-510-02 DIODE D1NS4

D650 8-719-510-02 DIODE D1NS4

FUSE

F601 Δ 1-533-223-11 HOLDER, FUSE

F601 Δ 1-576-193-11 FUSE 6.3A/125V
(KV-32V26/32V36/35V36/35V76/37V36M)

F601 Δ 1-532-506-51 FUSE 6.3A/250V (KV-34V36C)

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO. PART NO. DESCRIPTION REMARK

FERRITE BEAD

FB601	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB602	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB641	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB642	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB643	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH

FB644	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB645	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB646	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB647	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB648	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH

IC

IC641	8-749-920-58	IC SI-3090CA
IC642	8-759-701-56	IC NJM78M05FA
IC643	8-749-012-13	IC DM-58

COIL

L642	1-412-529-11	INDUCTOR	22UH
L643	1-412-525-31	INDUCTOR	10UH

TRANSISTOR

Q601 Δ	8-729-019-49	TRANSISTOR 2SC4834MNP
Q602 Δ	8-729-019-49	TRANSISTOR 2SC4834MNP
Q644	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q645	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q646	8-729-119-78	TRANSISTOR 2SC3311A

(KV-32V26/32V36/35V36/35V76/37V36M)

RESISTOR

R603 Δ	1-219-776-11	CARBON	2.2M	10%	1/2W
(KV-32V26/32V36/35V36/35V76/37V36M)					
R603 Δ	1-247-289-00	CARBON	8.2M	5%	1W
(KV-34V36C)					
R605	1-247-893-11	CARBON	390K	5%	1/4W
R606	1-247-893-11	CARBON	390K	5%	1/4W
R607 Δ	1-202-933-61	FUSIBLE	0.1	10%	1/2W F
R608 Δ	1-216-372-11	METAL OXIDE	1.8	5%	2W F
(KV-32V26/32V36/35V36/35V76/37V36M)					
R608 Δ	1-216-369-00	METAL OXIDE	1	5%	2W F
(KV-34V36C)					
R609	1-247-791-91	CARBON	22	5%	1/4W
R610	1-247-791-91	CARBON	22	5%	1/4W
R611 Δ	1-216-372-11	METAL OXIDE	1.8	5%	2W F
(KV-32V26/32V36/35V36/35V76/37V36M)					
R611 Δ	1-216-369-00	METAL OXIDE	1	5%	2W F
(KV-34V36C)					
R612	1-247-887-00	CARBON	220K	5%	1/4W
R613	1-247-887-00	CARBON	220K	5%	1/4W

REF.NO. PART NO. DESCRIPTION REMARK

R614	1-247-887-00	CARBON	220K	5%	1/4W
R615	1-247-887-00	CARBON	220K	5%	1/4W
R616	1-247-791-91	CARBON	22	5%	1/4W
R617	1-247-791-91	CARBON	22	5%	1/4W
R622	1-212-958-00	FUSIBLE	10	5%	1/2W F

R623 Δ	1-243-032-11	WIREWOUND	1	5%	20W
(KV-32V26/32V36/35V36/35V76/37V36M)					

R623 Δ	1-205-943-11	WIREWOUND	3.9	5%	20W
(KV-34V36C)					

R641	1-247-843-11	CARBON	3.3K	5%	1/4W
R642	1-247-843-11	CARBON	3.3K	5%	1/4W
R643	1-249-387-11	CARBON	3.3	5%	1/4W F

R644 Δ	1-215-882-00	METAL OXIDE	22	5%	2W F
R645 Δ	1-260-304-51	CARBON	10	5%	1/2W

(KV-34V36C)

R647	1-249-417-11	CARBON	1K	5%	1/4W
R648	1-247-887-00	CARBON	220K	5%	1/4W
R649	1-249-425-11	CARBON	4.7K	5%	1/4W F

R652	1-249-421-11	CARBON	2.2K	5%	1/4W
R659	1-249-429-11	CARBON	10K	5%	1/4W

(KV-34V36C)

R661	1-249-413-11	CARBON	470	5%	1/4W F
R662	1-249-429-11	CARBON	10K	5%	1/4W
R663 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F

R664 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R665 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F

R666 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R667 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F

R668 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
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R670 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R671 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F

R672 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R678	1-247-863-91	CARBON	22K	5%	1/4W

(KV-32V26/32V36/35V36/35V76/37V36M)

R679	1-247-863-91	CARBON	22K	5%	1/4W
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(KV-32V26/32V36/35V36/35V76/37V36M)

R680	1-249-429-11	CARBON	10K	5%	1/4W
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(KV-32V26/32V36/35V36/35V76/37V36M)

R681	1-249-407-11	CARBON	150	5%	1/4W
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(KV-32V26/32V36/35V36/35V76/37V36M)

RELAY

RY601 Δ	1-755-146-11	RELAY (KV-32V26/32V36/35V36/35V76/37V36M)
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RY601 Δ	1-755-018-11	RELAY (KV-34V36C)
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TRANSFORMER

T601 Δ	1-426-717-11	TRANSFORMER, LINE FILTER (LFT)
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(KV-32V26/32V36/35V36/35V76/37V36M)

T602 Δ	1-424-220-11	TRANSFORMER, LINE FILTER
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(KV-32V26/32V36/35V36/35V76/37V36M)



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
T602	Δ 1-426-717-11	TRANSFORMER, LINE FILTER (KV-34V36C)	
T603	Δ 1-427-864-11	TRANSFORMER, CONVERTER (PRT)	
T605	1-429-415-11	TRANSFORMER, CONVERTER (PIT)	

THERMISTOR

THP601	Δ 1-809-539-11	THERMISTOR, POSITIVE (KV-32V26/32V36/35V36/35V76/37V36M)	
THP601	Δ 1-809-827-11	THERMISTOR, POSITIVE (KV-34V36C)	

VARISTOR

VDR601	1-810-974-21	VARISTOR	
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- * A-1331-522-A C BOARD, MOUNTED (KV-35V36/35V76/37V36M)
- * A-1331-549-A C BOARD MOUNTED (KV-32V26/32V36/34V36C)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C1765	1-102-116-00	CERAMIC	680PF	10%	50V
C1766	1-102-117-00	CERAMIC	820PF	10%	50V
C1767	1-102-116-00	CERAMIC	680PF	10%	50V
C1775	1-102-116-00	CERAMIC	680PF	10%	50V
C1776	1-102-117-00	CERAMIC	820PF	10%	50V
C1777	1-102-116-00	CERAMIC	680PF	10%	50V
C1785	1-102-116-00	CERAMIC	680PF	10%	50V
C1786	1-102-117-00	CERAMIC	820PF	10%	50V
C1787	1-102-116-00	CERAMIC	680PF	10%	50V
C1790	1-102-129-00	CERAMIC	0.01MF	10%	50V
C1791	1-126-933-11	ELECT	100MF	20%	16V
C1793	1-107-651-11	ELECT	4.7MF	20%	250V
C1795	1-102-074-00	CERAMIC	0.001MF	10%	50V
C1797	1-106-375-12	MYLAR	0.022MF	99%	200V
C1798	1-106-375-12	MYLAR	0.022MF	99%	200V
C1799	1-162-114-00	CERAMIC	0.0047MF		2KV

CONNECTOR

CN1761*	1-564-509-11	PLUG, CONNECTOR 6P	
CN1762*	1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P (KV-35V36/35V76/37V36M)	
CN1764*	1-564-507-11	PLUG, CONNECTOR 4P	
CN1765	1-695-915-11	TAB (CONTACT) (KV-32V26/32V36/34V36C)	
CN1766	1-695-915-11	TAB (CONTACT) 1P	

DIODE

D1761	8-719-991-33	DIODE 1SS133T-77	
D1762	8-719-991-33	DIODE 1SS133T-77	
D1763	8-719-991-33	DIODE 1SS133T-77	

REF.NO.	PART NO.	DESCRIPTION	REMARK
D1771	8-719-991-33	DIODE 1SS133T-77	
D1772	8-719-991-33	DIODE 1SS133T-77	
D1773	8-719-991-33	DIODE 1SS133T-77	
D1781	8-719-991-33	DIODE 1SS133T-77	
D1782	8-719-991-33	DIODE 1SS133T-77	

D1783	8-719-991-33	DIODE 1SS133T-77	
D1790	8-719-991-33	DIODE 1SS133T-77	
D1792	8-719-983-14	DIODE MTZJ-T-77-3.9	

JACK

J1761	Δ 1-251-328-11	SOCKET, CRT	
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COIL

L1790	1-410-667-31	INDUCTOR	22UH
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TRANSISTOR

Q1761	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1762	8-729-326-11	TRANSISTOR 2SC2611	
Q1763	8-729-200-17	TRANSISTOR 2SA1091-0	
Q1771	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1772	8-729-326-11	TRANSISTOR 2SC2611	
Q1773	8-729-200-17	TRANSISTOR 2SA1091-0	
Q1781	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1782	8-729-326-11	TRANSISTOR 2SC2611	
Q1783	8-729-200-17	TRANSISTOR 2SA1091-0	
Q1790	8-729-119-76	TRANSISTOR 2SA1175-HFE	

RESISTOR

R1760	1-260-105-11	CARBON	3.3K	5%	1/2W
R1761	1-247-807-31	CARBON	100	5%	1/4W
R1763	1-249-409-11	CARBON	220	5%	1/4W F
R1764	Δ 1-216-486-00	METAL OXIDE	8.2K	5%	3W F
R1765	1-249-411-11	CARBON	330	5%	1/4W
R1766	1-249-393-11	CARBON	10	5%	1/4W
R1767	1-249-429-11	CARBON	10K	5%	1/4W
R1768	1-249-411-11	CARBON	330	5%	1/4W
R1770	1-260-105-11	CARBON	3.3K	5%	1/2W
R1771	1-247-807-31	CARBON	100	5%	1/4W
R1773	1-249-409-11	CARBON	220	5%	1/4W F
R1774	Δ 1-216-486-00	METAL OXIDE	8.2K	5%	3W F
R1775	1-249-407-11	CARBON	150	5%	1/4W
R1776	1-249-393-11	CARBON	10	5%	1/4W
R1777	1-249-429-11	CARBON	10K	5%	1/4W
R1780	1-260-105-11	CARBON	3.3K	5%	1/2W
R1781	1-247-807-31	CARBON	100	5%	1/4W
R1783	1-249-409-11	CARBON	220	5%	1/4W F
R1784	Δ 1-216-486-00	METAL OXIDE	8.2K	5%	3W F
R1785	1-249-407-11	CARBON	150	5%	1/4W

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
R1786	1-249-393-11	CARBON	10 5% 1/4W
R1787	1-249-429-11	CARBON	10K 5% 1/4W
R1789	1-249-437-11	CARBON	47K 5% 1/4W
R1792	1-247-815-91	CARBON	220 5% 1/4W
R1793	1-247-863-91	CARBON	22K 5% 1/4W
R1794	1-249-417-11	CARBON	1K 5% 1/4W
R1795	1-260-087-11	CARBON	100 5% 1/2W
R1796 Δ	1-216-365-00	METAL OXIDE	0.47 5% 2W F (KV-35V36/35V76/37V36M)
R1796 Δ	1-216-374-00	METAL OXIDE	2.7 5% 2W F (KV-32V26/32V36/34V36C)
R1797	1-260-123-11	CARBON	100K 5% 1/2W
R1798	1-260-133-11	CARBON	680K 5% 1/2W (KV-35V36/35V76/37V36M)
R1799	1-260-123-11	CARBON	100K 5% 1/2W (KV-35V36/35V76/37V36M)

VARIABLE RESISTOR

RV1791	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M	(KV-35V36/35V76/37V36M)
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WA

*A-1372-211-A WA BOARD, MOUNTED (KV-35V36/35V76/37V36M)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C941	1-126-935-11	ELECT	470MF 20% 16V
C944	1-164-232-11	CERAMIC CHIP	0.01MF 10% 50V
C945	1-163-001-11	CERAMIC CHIP	220PF 10% 50V
C946	1-126-933-11	ELECT	100MF 20% 16V
C949	1-161-830-00	CERAMIC	0.0047MF 500V
C950	1-126-933-11	ELECT	100MF 20% 16V
C951	1-107-638-11	ELECT	33MF 20% 160V
C952	1-104-999-11	MYLAR	0.1MF 10% 200V
C953	1-106-383-00	MYLAR	0.047MF 10% 200V
C954	1-137-364-11	FILM	0.001MF 5% 50V
C955	1-107-667-11	ELECT	2.2MF 20% 160V
C956	1-137-364-11	FILM	0.001MF 5% 50V
C957	1-106-383-00	MYLAR	0.047MF 10% 200V
C958	1-126-933-11	ELECT	100MF 20% 16V
C961	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C962	1-164-232-11	CERAMIC CHIP	0.01MF 10% 50V
C965	1-163-035-00	CERAMIC CHIP	0.047MF 50V
C966	1-163-009-11	CERAMIC CHIP	0.001MF 10% 50V
C967	1-129-718-00	FILM	0.022MF 5% 630V
C968	1-137-579-11	FILM	0.068MF 5% 100V
C969	1-163-035-00	CERAMIC CHIP	0.047MF 50V

REF.NO.	PART NO.	DESCRIPTION	REMARK
C981	1-126-941-11	ELECT	470MF 20% 25V
C983	1-137-366-11	FILM	0.0022MF 5% 50V

CONNECTOR

CN941	1-564-511-11	PLUG, CONNECTOR 8P	
CN961 *	1-770-723-11	CONNECTOR, BOARD TO BOARD 8P	
CN981 *	1-564-506-11	PLUG, CONNECTOR 3P	

DIODE

D941	8-719-991-33	DIODE 1SS133T-77	
D946	8-719-110-88	DIODE RD39ESB2	
D947	8-719-110-88	DIODE RD39ESB2	
D961	8-719-109-89	DIODE RD5.6ESB2	
D962	8-719-991-33	DIODE 1SS133T-77	

D964	8-719-302-43	DIODE EL1Z	
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IC

IC961	8-759-700-07	IC NJM2903M	
IC981	8-759-603-37	IC M5216P	

COIL

L942	1-215-863-11	METAL OXIDE	100 5% 1W F
L962	1-406-989-21	COIL, CHOKE	10MMH
L963	1-406-675-11	COIL, CHOKE	4.7MMH

TRANSISTOR

Q943	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q944	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q945	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q946	8-729-017-05	TRANSISTOR 2SA1837	
Q947	8-729-017-06	TRANSISTOR 2SC4793	

Q962	8-729-931-45	TRANSISTOR IRF614	
Q963	8-729-216-22	TRANSISTOR 2SA1162-G	
Q965	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q966	8-729-216-22	TRANSISTOR 2SA1162-G	
Q981	8-729-422-27	TRANSISTOR 2SD601A-Q	

RESISTOR

R943	1-216-025-91	METAL GLAZE	100 5% 1/10W
R948	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R949	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R950	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R951	1-216-049-91	METAL GLAZE	1K 5% 1/10W

R952	1-216-037-00	METAL GLAZE	330 5% 1/10W
R953	1-216-021-00	METAL GLAZE	68 5% 1/10W
R954	1-216-033-00	METAL GLAZE	220 5% 1/10W
R955	1-216-047-91	METAL GLAZE	820 5% 1/10W
R956	1-216-295-91	CONDUCTOR, CHIP	(2012)



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R957	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R958	1-216-295-91	CONDUCTOR, CHIP	(2012)
R959	1-216-021-00	METAL GLAZE	68 5% 1/10W
R960	1-216-689-11	METAL GLAZE	39K 5% 1/10W
R961	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R962	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R963	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R964	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R965	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R966	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R967	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R968	1-216-083-00	METAL GLAZE	27K 5% 1/10W
R969	1-216-295-91	CONDUCTOR, CHIP	(2012)
R970	1-216-033-00	METAL GLAZE	220 5% 1/10W
R971	1-247-899-11	CARBON	680K 5% 1/4W
R972	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R973	1-216-121-91	METAL GLAZE	1M 5% 1/10W
R974	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R975 Δ	1-216-446-00	METAL OXIDE	18 5% 2W F
R976 Δ	1-216-423-11	METAL OXIDE	27 5% 1W F
R979	1-216-017-91	METAL GLAZE	47 5% 1/10W
R981	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R982	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R983	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R984	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R987	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R988	1-216-295-91	CONDUCTOR, CHIP	(2012)
R989	1-216-304-11	METAL GLAZE	3.3 5% 1/10W
R992	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1941	1-260-311-11	CARBON	39 5% 1/2W
R1942	1-249-384-11	CARBON	1.8 5% 1/4W F
R1943	1-249-414-11	CARBON	560 5% 1/4W F
R1944	1-249-432-11	CARBON	18K 5% 1/4W
R1945	1-216-476-11	METAL OXIDE	180 5% 3W F
R1946	1-249-417-11	CARBON	1K 5% 1/4W F
R1947	1-249-432-11	CARBON	18K 5% 1/4W
R1948	1-249-414-11	CARBON	560 5% 1/4W
R1949	1-249-384-11	CARBON	1.8 5% 1/4W F
R1950	1-249-400-11	CARBON	39 5% 1/4W F

WB

* A-1372-225-A MOUNTED PCB, WB (KV-32V36/34V36C)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C2941	1-126-935-11	ELECT	470MF	20%	16V
C2944	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V

REF.NO.	PART NO.	DESCRIPTION	REMARK
C2946	1-126-933-11	ELECT	100MF 20% 16V
C2949	1-161-830-00	CERAMIC	0.0047MF 500V
C2950	1-126-933-11	ELECT	100MF 20% 16V
C2951	1-107-638-11	ELECT	33MF 20% 160V
C2952	1-104-999-11	MYLAR	0.1MF 10% 200V
C2953	1-106-383-00	MYLAR	0.047MF 10% 200V
C2954	1-137-364-11	FILM	0.001MF 5% 50V
C2955	1-107-667-11	ELECT	2.2MF 20% 160V
C2956	1-137-364-11	FILM	0.001MF 5% 50V
C2957	1-106-383-00	MYLAR	0.047MF 10% 200V
C2958	1-126-933-11	ELECT	100MF 20% 16V
C2975	1-163-001-11	CERAMIC CHIP	220PF 10% 50V

CONNECTOR

CN2941 *1-564-508-11 PLUG, CONNECTOR 5P

DIODE

D2941	8-719-991-33	DIODE 1SS133T-77
D2946	8-719-110-88	DIODE RD39ESB2
D2947	8-719-110-88	DIODE RD39ESB2

COIL

L2942	1-215-863-11	METAL OXIDE	100	5%	1W F
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TRANSISTOR

Q2943	8-729-422-27	TRANSISTOR 2SD601A-Q
Q2944	8-729-422-27	TRANSISTOR 2SD601A-Q
Q2945	8-729-422-27	TRANSISTOR 2SD601A-Q
Q2946	8-729-017-05	TRANSISTOR 2SA1837
Q2947	8-729-017-06	TRANSISTOR 2SC4793

Q2965	8-729-422-27	TRANSISTOR 2SD601A-Q
Q2966	8-729-216-22	TRANSISTOR 2SA1162-G

RESISTOR

R2943	1-216-025-91	METAL GLAZE	100	5%	1/10W
R2948	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R2949	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R2950	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R2951	1-216-049-91	METAL GLAZE	1K	5%	1/10W

R2952	1-216-037-00	METAL GLAZE	330	5%	1/10W
R2953	1-216-021-00	METAL GLAZE	68	5%	1/10W
R2954	1-216-033-00	METAL GLAZE	220	5%	1/10W
R2955	1-216-047-91	METAL GLAZE	820	5%	1/10W
R2956	1-216-295-91	CONDUCTOR, CHIP	(2012)		

R2957	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R2958	1-216-295-91	CONDUCTOR, CHIP	(2012)		
R2959	1-216-021-00	METAL GLAZE	68	5%	1/10W
R2979	1-216-017-91	METAL GLAZE	47	5%	1/10W

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

HS HV

REF.NO.	PART NO.	DESCRIPTION	REMARK
R4941	1-260-311-11	CARBON	39 5% 1/2W
R4942	1-249-384-11	CARBON	1.8 5% 1/4W F
R4943	1-249-414-11	CARBON	560 5% 1/4W F
R4944	1-249-432-11	CARBON	18K 5% 1/4W
R4945	1-216-476-11	METAL OXIDE	180 5% 3W F
R4946	1-249-417-11	CARBON	1K 5% 1/4W F
R4947	1-249-432-11	CARBON	18K 5% 1/4W
R4948	1-249-414-11	CARBON	560 5% 1/4W
R4949	1-249-384-11	CARBON	1.8 5% 1/4W F
R4950	1-249-400-11	CARBON	39 5% 1/4W F

HS

* A-1372-326-A HS BOARD, MOUNTED (EXCEPT KV-37V36M)

CAPACITOR

C2168	1-104-665-11	ELECT	100MF	20%	25V
C2169	1-126-959-11	ELECT	0.47MF	20%	50V

CONNECTOR

CN2101	1-564-524-11	PLUG, CONNECTOR 9P
CN2102	1-564-523-11	PLUG, CONNECTOR 8P

HV

- * A-1372-330-A HV BOARD, MOUNTED (EXCEPT KV-32V26)
- * A-1372-325-A HV BOARD, MOUNTED (KV-32V26)

CAPACITOR

C2068	1-104-665-11	ELECT	100MF	20%	25V
C2070	1-165-319-11	CERAMIC CHIP	0.1MF	50V	
C2231	1-163-031-11	CERAMIC CHIP	0.01MF	50V	
					(KV-32V36/34V36C/35V36/35V76/37V36M)
C2232	1-136-161-00	FILM	0.047MF	5%	50V
					(KV-32V36/34V36C/35V36/35V76/37V36M)
C2233	1-136-161-00	FILM	0.047MF	5%	50V
C2234	1-126-960-11	ELECT	1MF	20%	50V
C2235	1-126-960-11	ELECT	1MF	20%	50V
C2236	1-126-933-11	ELECT	100MF	20%	16V

CONNECTOR

CN2002	*1-564-518-11	PLUG, CONNECTOR 3P
		(KV-32V36/34V36C/35V36/35V76/37V36M)

DIODE

D2006	1-810-039-11	LED UNIT
D2231	8-719-110-17	DIODE RD10ESB2
		(KV-32V36/34V36C/35V36/35V76/37V36M)

REF.NO.	PART NO.	DESCRIPTION	REMARK
D2232	8-719-110-17	DIODE RD10ESB2	(KV-32V36/34V36C/35V36/35V76/37V36M)
D2233	8-719-110-17	DIODE RD10ESB2	(KV-32V36/34V36C/35V36/35V76/37V36M)
D2236	8-719-110-17	DIODE RD10ESB2	

IC

IC2003	8-742-014-10	HIC SBX1981-51
IC2004	8-749-012-12	IC IS474

JACK

J2231	1-691-110-11	JACK, PIN 3P
J2232	1-694-063-11	TERMINAL, S
		(KV-32V36/34V36C/35V36/35V76/37V36M)

TRANSISTOR

Q2008	8-729-216-22	TRANSISTOR 2SA1162-G
Q2009	8-729-422-27	TRANSISTOR 2SD601A-Q

RESISTOR

R2009	1-216-033-00	METAL GLAZE	220	5%	1/10W
R2010	1-216-033-00	METAL GLAZE	220	5%	1/10W
R2011	1-216-025-91	METAL GLAZE	100	5%	1/10W
R2012	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R2013	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R2014	1-216-033-00	METAL GLAZE	220	5%	1/10W
R2015	1-247-807-31	CARBON	100	5%	1/4W
R2016	1-216-133-00	METAL GLAZE	3.3M	5%	1/10W
					(KV-32V26)
R2059	1-216-047-91	METAL GLAZE	820	5%	1/10W
					(KV-32V26)
R2060	1-216-049-91	METAL GLAZE	1K	5%	1/10W
					(KV-32V26)
R2061	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
					(KV-32V26)
R2062	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
					(KV-32V26)
R2063	1-216-073-00	METAL GLAZE	10K	5%	1/10W
					(KV-32V26)
R2231	1-216-022-00	METAL GLAZE	75	5%	1/10W
					(KV-32V36/34V36C/35V36/35V76/37V36M)
R2232	1-216-022-00	METAL GLAZE	75	5%	1/10W
					(KV-32V36/34V36C/35V36/35V76/37V36M)
R2233	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
					(KV-32V36/34V36C/35V36/35V76/37V36M)
R2235	1-216-022-00	METAL GLAZE	75	5%	1/10W
R2236	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R2237	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R2238	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R2239	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
S2001	1-692-431-21	SWITCH, TACTILE (KV-32V26)	
S2002	1-692-431-21	SWITCH, TACTILE (KV-32V26)	
S2003	1-692-431-21	SWITCH, TACTILE (KV-32V26)	
S2004	1-692-431-21	SWITCH, TACTILE (KV-32V26)	
S2005	1-692-431-21	SWITCH, TACTILE (KV-32V26)	
S2006	1-692-431-21	SWITCH, TACTILE (KV-32V26)	
S2007	1-692-431-21	SWITCH, TACTILE (KV-32V26)	



*A-1380-518-A MOUNTED PWB, K (KV-32V36/34V36C/35V76)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C1462	1-126-961-11	ELECT	2.2MF	20%	50V
C1463	1-126-961-11	ELECT	2.2MF	20%	50V
C1464	1-126-969-11	ELECT	220MF	20%	50V
C1465	1-104-664-11	ELECT	47MF	20%	25V
C1466	1-126-969-11	ELECT	220MF	20%	50V
C1467	1-126-961-11	ELECT	2.2MF	20%	50V
C1469	1-136-173-00	FILM	0.47MF	5%	50V
C1470	1-136-169-00	FILM	0.22MF	5%	50V
C1471	1-136-169-00	FILM	0.22MF	5%	50V
C1472	1-128-548-11	ELECT	4700MF	20%	25V
C1473	1-126-943-11	ELECT	2200MF	20%	25V
C1474	1-126-943-11	ELECT	2200MF	20%	25V
C1475	1-128-548-11	ELECT	4700MF	20%	25V
C1476	1-124-564-11	ELECT	4700MF	20%	25V

CONNECTOR

CN1461* 1-564-510-11 PLUG, CONNECTOR 7P
CN1462* 1-564-507-11 PLUG, CONNECTOR 4P

DIODE

D1461 8-719-991-33 DIODE 1SS133T-77

IC

IC1461 8-759-980-43 IC TDA2009A

IC LINK

PS1461 Δ 1-532-984-11 LINK, IC 2A/90V

TRANSISTOR

Q1461 8-729-422-27 TRANSISTOR 2SD601A-Q
Q1462 8-729-216-22 TRANSISTOR 2SA1162-G

REF.NO.	PART NO.	DESCRIPTION	REMARK
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RESISTOR

R1461	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R1462	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R1463	1-249-435-11	CARBON	33K	5%	1/4W
R1464	1-208-775-11	METAL GLAZE	510	0.50%	1/10W
R1465	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1467	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1468	1-208-775-11	METAL GLAZE	510	0.50%	1/10W
R1469	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1471	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1472	1-249-418-11	CARBON	1.2K	5%	1/4W F
R1473	1-249-413-11	CARBON	470	5%	1/4W
R1474	1-249-441-11	CARBON	100K	5%	1/4W
R1475	1-249-430-11	CARBON	12K	5%	1/4W
R1476	1-249-430-11	CARBON	12K	5%	1/4W
R1477	1-249-385-11	CARBON	2.2	5%	1/4W F
R1478	1-249-418-11	CARBON	1.2K	5%	1/4W F
R1479	1-249-385-11	CARBON	2.2	5%	1/4W F
R1480	1-249-421-11	CARBON	2.2K	5%	1/4W
R1481	1-249-421-11	CARBON	2.2K	5%	1/4W
R1482	1-249-421-11	CARBON	2.2K	5%	1/4W
R1483	1-249-421-11	CARBON	2.2K	5%	1/4W



* A-1390-585-A SC BOARD, MOUNTED

CONNECTOR

CN104 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P
CN105 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P



*A-1394-844-A UV BOARD, COMPLETE (KV-32V26)
*A-1394-846-A UV BOARD, COMPLETE (KV-35V36/35V76/34V36C)
*A-1394-847-A UV BOARD, COMPLETE (KV-35V36/37V36M)

CAPACITOR

C151	1-126-960-11	ELECT	1MF	20%	50V
C152	1-126-960-11	ELECT	1MF	20%	50V
C153	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C154	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C156	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C157	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C158	1-163-034-00	CERAMIC CHIP	0.033MF		50V
C159	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C160	1-126-959-11	ELECT	0.47MF	20%	50V
C161	1-126-960-11	ELECT	1MF	20%	50V

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

UV

REF.NO.	PART NO.	DESCRIPTION	REMARK
C162	1-126-960-11	ELECT	1MF 20% 50V
C163	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C164	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C165	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C166	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C167	1-126-933-11	ELECT	100MF 20% 16V
C168	1-126-964-11	ELECT	10MF 20% 50V
C170	1-163-123-00	CERAMIC CHIP	180PF 5% 50V
C231	1-163-031-11	CERAMIC CHIP	0.01MF 50V
C232	1-136-161-00	FILM	0.047MF 5% 50V
C233	1-136-161-00	FILM	0.047MF 5% 50V
C234	1-126-960-11	ELECT	1MF 20% 50V
C235	1-126-960-11	ELECT	1MF 20% 50V
C236	1-136-161-00	FILM	0.047MF 5% 50V
C237	1-126-960-11	ELECT	1MF 20% 50V
C238	1-126-960-11	ELECT	1MF 20% 50V
C241	1-126-941-11	ELECT	470MF 20% 25V
C242	1-126-959-11	ELECT	0.47MF 20% 50V
C244	1-126-959-11	ELECT	0.47MF 20% 50V
C245	1-126-941-11	ELECT	470MF 20% 25V (KV-32V36/34V36C/35V76)
C246	1-126-959-11	ELECT	0.47MF 20% 50V (KV-32V36/34V36C/35V76)
C247	1-126-959-11	ELECT	0.47MF 20% 50V (KV-32V36/34V36C/35V76)
C261	1-136-161-00	FILM	0.047MF 5% 50V (KV-35V36/37V36M/34V36C/32V36/35V76)
C262	1-104-664-11	ELECT	47MF 20% 25V
C263	1-136-161-00	FILM	0.047MF 5% 50V
C264	1-126-941-11	ELECT	470MF 20% 25V
C265	1-104-664-11	ELECT	47MF 20% 25V
C266	1-126-960-11	ELECT	1MF 20% 50V (KV-35V36/37V36M/34V36C/32V36/35V76)
C267	1-126-960-11	ELECT	1MF 20% 50V (KV-35V36/37V36M/34V36C/32V36/35V76)
C270	1-126-960-11	ELECT	1MF 20% 50V
C271	1-126-960-11	ELECT	1MF 20% 50V
C273	1-136-165-00	FILM	0.1MF 5% 50V
C274	1-163-031-11	CERAMIC CHIP	0.01MF 50V
C275	1-104-664-11	ELECT	47MF 20% 25V
C276	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C301	1-126-935-11	ELECT	470MF 20% 16V
C302	1-126-935-11	ELECT	470MF 20% 16V (KV-35V36/37V36M/34V36C/32V36/35V76)

FILTER BLOCK

CM301	1-467-554-21	FILTER BLOCK, COMB (KV-32V26)
CM302	1-467-656-11	FILTER BLOCK, COMB (EXCEPT KV-32V26)

REF.NO.	PART NO.	DESCRIPTION	REMARK
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CONNECTOR

CN261	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P
CN262	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P
CN263 *	1-564-506-11	PLUG, CONNECTOR 3P
CN264	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P

DIODE

D231	8-719-110-17	DIODE RD10ESB2
D232	8-719-110-17	DIODE RD10ESB2
D233	8-719-110-17	DIODE RD10ESB2
D234	8-719-110-17	DIODE RD10ESB2
D235	8-719-110-17	DIODE RD10ESB2
D236	8-719-110-17	DIODE RD10ESB2
D237	8-719-981-99	DIODE MTZJ-3.3
D238	8-719-981-99	DIODE MTZJ-3.3
D239	8-719-981-99	DIODE MTZJ-3.3 (KV-32V36/34V36C/35V76)
D240	8-719-110-17	DIODE RD10ESB2
D241	8-719-110-17	DIODE RD10ESB2
D242	8-719-110-17	DIODE RD10ESB2
D243	8-719-110-17	DIODE RD10ESB2
D244	8-719-110-17	DIODE RD10ESB2
D245	8-719-981-99	DIODE MTZJ-3.3 (KV-32V36/34V36C/35V76)
D246	8-719-981-99	DIODE MTZJ-3.3 (KV-32V36/34V36C/35V76)
D264	8-719-110-17	DIODE RD10ESB2
D265	8-719-110-17	DIODE RD10ESB2
D902	8-719-921-54	DIODE MTZJ-6.2B

IC

IC151	8-759-700-44	IC NJM2902M
IC152	8-759-700-44	IC NJM2902M
IC153	8-759-100-96	IC UPC4558G2
IC154	8-759-068-07	IC CD4052BCN
IC261	8-759-366-78	IC MM1313AD

JACK

J231	1-750-515-11	TERMINAL BLOCK, S 3P
J232	1-750-517-11	JACK BLOCK, PIN 3P
J233	1-750-516-11	JACK BLOCK, PIN 2P
J234	1-750-517-11	JACK BLOCK, PIN 3P
J235	1-750-517-11	JACK BLOCK, PIN 3P (KV-34V36C/32V36/35V76)
J902	1-764-143-11	JACK 3P
J903	1-764-143-11	JACK 3P
J904	1-764-143-11	JACK 3P

CHIP CONDUCTOR

JR151	1-216-295-91	CONDUCTOR, CHIP (2012)
JR152	1-216-295-91	CONDUCTOR, CHIP (2012)



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REF.NO.	PART NO.	DESCRIPTION	REMARK
JR201	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR202	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR204	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR205	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR206	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR208	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR209	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR210	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR211	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR212	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR213	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR214	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR215	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR216	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR217	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR218	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR219	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR220	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR221	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR222	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR223	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR226	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR228	1-216-295-91	CONDUCTOR, CHIP (2012)	
TRANSISTOR			
Q231	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q232	8-729-422-27	TRANSISTOR 2SD601A-Q (KV-32V36/34V36C/35V76)	
Q233	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q234	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q235	8-729-422-27	TRANSISTOR 2SD601A-Q (KV-32V36/34V36C/35V76)	
Q236	8-729-422-27	TRANSISTOR 2SD601A-Q (KV-32V36/34V36C/35V76)	
Q237	8-729-216-22	TRANSISTOR 2SB709A-Q	
Q238	8-729-216-22	TRANSISTOR 2SB709A-Q	
Q239	8-729-216-22	TRANSISTOR 2SB709A-Q	
Q240	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)	
Q241	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)	
Q242	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)	
Q241	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)	
Q242	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)	
Q243	8-729-216-22	TRANSISTOR 2SB709A-Q	
Q261	8-729-422-27	TRANSISTOR 2SD601A-Q (EXCEPT KV-32V26)	
Q262	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q263	8-729-216-22	TRANSISTOR 2SB709A-Q	
Q265	8-729-216-22	TRANSISTOR 2SB709A-Q	
RESISTOR			
R151	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R152	1-216-075-00	METAL GLAZE 12K	5% 1/10W
R153	1-216-073-00	METAL GLAZE 10K	5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R154	1-216-085-00	METAL GLAZE 33K	5% 1/10W
R155	1-216-075-00	METAL GLAZE 12K	5% 1/10W
R156	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R157	1-216-079-00	METAL GLAZE 18K	5% 1/10W
R158	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R159	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R160	1-216-079-00	METAL GLAZE 18K	5% 1/10W
R161	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R162	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R163	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R164	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R165	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R166	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R167	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R168	1-216-077-00	METAL GLAZE 15K	5% 1/10W
R169	1-216-099-00	METAL GLAZE 120K	5% 1/10W
R170	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R171	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R172	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W
R173	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R174	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R175	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R176	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R177	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R178	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R179	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R180	1-216-099-00	METAL GLAZE 120K	5% 1/10W
R181	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R183	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R184	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R185	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R186	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R187	1-216-099-00	METAL GLAZE 120K	5% 1/10W
R188	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R189	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R190	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R191	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R192	1-216-063-91	METAL GLAZE 3.9K	5% 1/10W
R193	1-216-075-00	METAL GLAZE 12K	5% 1/10W
R194	1-216-099-00	METAL GLAZE 120K	5% 1/10W
R195	1-216-097-91	METAL GLAZE 47K	5% 1/10W
R196	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R197	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R198	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R199	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R200	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R201	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R202	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R203	1-216-069-00	METAL GLAZE 6.8K	5% 1/10W

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

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REF.NO.	PART NO.	DESCRIPTION	REMARK
R204	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R206	1-216-049-91	METAL GLAZE	1K 5% 1/10W (KV-32V36/34V36C/35V76)
R207	1-216-295-91	CONDUCTOR, CHIP (2012)	(KV-32V36/34V36C/35V76)
R208	1-216-049-91	METAL GLAZE	1K 5% 1/10W (KV-32V36/34V36C/35V76)
R209	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W (KV-32V36/34V36C/35V76)
R210	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W (32V36/34V36C/35V76)
R212	1-249-440-11	CARBON	82K 5% 1/4W
R213	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R214	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R215	1-249-413-11	CARBON	470 5% 1/4W
R216	1-216-025-91	METAL GLAZE	100 5% 1/10W
R217	1-216-025-91	METAL GLAZE	100 5% 1/10W
R218	1-216-025-91	METAL GLAZE	100 5% 1/10W
R219	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (32V36/34V36C/35V76)
R220	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (32V36/34V36C/35V76)
R221	1-249-413-11	CARBON	470 5% 1/4W (32V36/34V36C/35V76)
R222	1-216-025-91	METAL GLAZE	100 5% 1/10W (32V36/34V36C/35V76)
R223	1-216-025-91	METAL GLAZE	100 5% 1/10W (32V36/34V36C/35V76)
R224	1-216-025-91	METAL GLAZE	100 5% 1/10W (32V36/34V36C/35V76)
R225	1-247-815-91	CARBON	220 5% 1/4W
R226	1-247-815-91	CARBON	220 5% 1/4W
R227	1-249-440-11	CARBON	82K 5% 1/4W
R228	1-216-033-00	METAL GLAZE	220 5% 1/10W
R229	1-216-025-91	METAL GLAZE	100 5% 1/10W
R230	1-216-033-00	METAL GLAZE	220 5% 1/10W
R231	1-216-022-00	METAL GLAZE	75 5% 1/10W
R232	1-216-022-00	METAL GLAZE	75 5% 1/10W
R233	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R234	1-216-022-00	METAL GLAZE	75 5% 1/10W
R235	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R236	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R237	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R238	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R239	1-216-022-00	METAL GLAZE	75 5% 1/10W
R240	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R241	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R242	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R243	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R244	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R245	1-249-417-11	CARBON	1K 5% 1/4W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R246	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R247	1-249-417-11	CARBON	1K 5% 1/4W
R248	1-216-021-00	METAL GLAZE	68 5% 1/10W
R249	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R250	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R251	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R252	1-216-019-00	METAL GLAZE	56 5% 1/10W (32V36/34V36C/35V76)
R253	1-216-113-00	METAL GLAZE	470K 5% 1/10W (32V36/34V36C/35V76)
R254	1-216-113-00	METAL GLAZE	470K 5% 1/10W (32V36/34V36C/35V76)
R255	1-216-113-00	METAL GLAZE	470K 5% 1/10W (32V36/34V36C/35V76)
R256	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R258	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W (32V36/34V36C/35V76)
R259	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R260	1-247-807-31	CARBON	100 5% 1/4W
R261	1-216-009-00	METAL GLAZE	22 5% 1/10W
R264	1-247-815-91	CARBON	220 5% 1/4W
R265	1-247-815-91	CARBON	220 5% 1/4W
R266	1-216-043-91	METAL GLAZE	560 5% 1/10W (EXCEPT KV-32V26)
R267	1-249-415-11	CARBON	680 5% 1/4W (EXCEPT KV-32V26)
R268	1-216-025-91	METAL GLAZE	100 5% 1/10W
R269	1-216-025-91	METAL GLAZE	100 5% 1/10W
R270	1-216-041-00	METAL GLAZE	470 5% 1/10W
R271	1-249-415-11	CARBON	680 5% 1/4W
R272	1-249-417-11	CARBON	1K 5% 1/4W
R274	1-249-413-11	CARBON	470 5% 1/4W
R275	1-249-425-11	CARBON	4.7K 5% 1/4W (EXCEPT KV-32V26)
R276	1-249-425-11	CARBON	4.7K 5% 1/4W (EXCEPT KV-32V26)
R277	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R278	1-249-413-11	CARBON	470 5% 1/4W (KV-32V36/34V36C/35V76)
R279	1-216-025-91	METAL GLAZE	100 5% 1/10W
R280	1-216-033-00	METAL GLAZE	220 5% 1/10W
R281	1-216-033-00	METAL GLAZE	220 5% 1/10W
R282	1-216-025-91	METAL GLAZE	100 5% 1/10W
R283	1-216-025-91	METAL GLAZE	100 5% 1/10W
R284	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R285	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R286	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R288	1-247-815-91	CARBON	220 5% 1/4W
R289	1-247-815-91	CARBON	220 5% 1/4W
R290	1-247-815-91	CARBON	220 5% 1/4W
R291	1-216-025-91	METAL GLAZE	100 5% 1/10W



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R293	1-216-025-91	METAL GLAZE	100 5% 1/10W
R294	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R301	1-249-417-11	CARBON	1K 5% 1/4W
R304	1-249-417-11	CARBON	1K 5% 1/4W
R902	1-249-405-11	CARBON	100 5% 1/4W F
R919	1-216-295-91	CONDUCTOR,CHIP (2012)	
R920	1-249-405-11	CARBON	100 5% 1/4W F
R921	1-249-405-11	CARBON	100 5% 1/4W F
R922	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R923	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R924	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R925	1-215-433-00	METAL	3.3K 1% 1/4W
R926	1-215-433-00	METAL	3.3K 1% 1/4W
R1151	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R1152	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1153	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1154	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1155	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1156	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1157	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1158	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1159	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1160	1-216-295-91	CONDUCTOR,CHIP (2012)	
R1161	1-216-295-91	CONDUCTOR,CHIP (2012)	
R1164	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1165	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1166	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1167	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1168	1-21 6-049-91	METAL GLAZE	1K 5% 1/10W

MISCELLANEOUS

KV-32V26/32V36/34V36C ONLY

Δ 1-411-474-11	COIL, DEMAGNETIC (KV-34V36C)
Δ 1-411-952-11	COIL, DEMAGNETIC (KV-32V26/32V36)
1-452-579-21	MAGNET, DISC (KV-32V26/32V36/34V36C)
Δ 1-452-579-21	NECK ASSY, CRT (NA322) (KV-34V36C)
1-473-549-11	SWITCH BLOCK, CONTROL (EXCEPT KV-32V26)
1-504-524-11	SPEAKER (8CM) (KV-32V26)
1-505-326-11	SPEAKER (8CM) (KV-32V36/34V36C)
* 1-557-056-31	CABLE P-P (KV-32V36/34V36C)
* 1-556-945-21	CABLE P-P (KV-32V36/34V36C)
Δ 1-751-059-11	CORD, POWER (WITH CONNECTOR) (KV-34V36C)
1-776-374-11	PLUG, F-PIN (KV-32V26)
Δ 8-451-482-11	DEFLECTION YOKE (Y34FXA2-X) (KV-32V26/32V36/34V36C)
8-598-414-00	ANTENNA SWITCH (KV-32V26/34V36C)
Δ 8-733-745-05	CRT 34FXD2 (SPD) (XBR) (KV-32V26/32V36/34V36C)
1-900-800-81	WIRE ASSY, G2 LEAD (KV-32V26)
1-900-800-82	WIRE ASSY, FOCUS (KV-32V36)

REF.NO.	PART NO.	DESCRIPTION	REMARK
<u>KV-35V36/35V76/37V36M ONLY</u>			
Δ 1-411-881-11	COIL, DEMAGNETIC (KV-35V36/35V76/37V36M)		
Δ 1-411-882-11	COIL, DEMAGNETIC (KV-35V36/35V76/37V36M)		
1-473-549-11	SWITCH BLOCK, CONTROL (KV-35V36/35V76/37V36M)		
1-556-945-21	CABLE P-P		
1-557-056-31	CABLE P-P (KV-35V36/35V76/37V36M)		
Δ 1-751-059-11	CORD, POWER (WITH CONNECTOR)		
	(KV-35V36/35V76/37V36M)		
8-453-007-11	NA324-M (KV-35V36/35V76/37V36M)		
8-598-414-00	ANTENNA SWITCH (KV-35V36/35V76/37V36M)		
Δ 8-733-760-71	ITC 37GX-A1 (KV-35V36/35V76/37V36M)		

ACCESSORIES AND PACKING MATERIALS

3-701-627-00	BAG, POLYETHYLENE
3-859-518-21	MANUAL INSTRUCTION

KV-32V26/32V36/34V36C ONLY

* 4-049-758-11	BAG, PROTECTION (KV-32V26/32V36/34V36C)
* 4-054-067-01	CUSHION (UPPER ASSY) (KV-32V26/32V36/34V36C)
* 4-054-070-01	CUSHION (LOWER, ASSY) (KV-32V26/32V36/34V36C)
* 4-054-073-01	INDIVIDUAL CARTON (KV-32V26/32V36/34V36C)
* 4-054-074-01	INDIVIDUAL CARTON (KV-32V26/32V36/34V36C)

KV-35V76 ONLY

2-352-981-01	SPACER (KV-35V76)
2-359-505-01	RETAINER, MAGNET (KV-35V76)
* 4-030-895-01	JOINT (KV-35V76)
4-041-162-01	PIN RACK (KV-35V76)
4-041-362-01	HINGE SET (KV-35V76)
* 4-041-423-01	SHEET PROTECTION (KV-35V76)
* 4-041-425-01	BAG, PROTECTION (KV-35V76)
* 4-052-910-01	CUSHION (UPPER ASSY) (KV-35V76)
* 4-052-911-01	TRAY (KV-35V76)
* 4-052-914-01	INDIVIDUAL CARTON (KV-35V76)

* 4-053-277-01	CUSHION (LOWER, ASSY) (KV-35V76)
4-054-376-01	WASHER (4) (KV-35V76)
4-054-426-01	CUSHION (FRONT) (KV-35V76)
4-055-014-01	SPACER (KV-35V76)
4-055-138-01	SHEET FRONT (KV-35V76)
4-838-438-00	LATCH (KV-35V76)

KV-35V36/37V36M ONLY

* 4-053-658-01	BAG, PROTECTION (KV-35V36/37V36M)
* 4-053-276-01	INDIVIDUAL CARTON (KV-35V36/37V36M)
* 4-053-277-01	CUSHION (UPPER ASSY) (KV-35V36/37V36M)
* 4-053-278-01	CUSHION (LOWER, ASSY) (KV-35V36/37V36M)

REMOTE COMMANDER

1-473-750-41	REMOTE COMMANDER RM-Y137A
4-978-977-01	LID, BATTERY COVER (FOR RM-Y137A)

NOTES:

[illegible]

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